

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032349.D
 Acq On : 24 Oct 2022 18:40
 Operator : JC/MD
 Sample : N5237-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-GW-01MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/26/2022

Quant Time: Oct 25 03:58:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	126239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82899	50.479	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.960%			
35) Dibromofluoromethane	5.391	113	68010	48.403	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.800%			
50) Toluene-d8	8.653	98	237450	46.947	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.900%			
62) 4-Bromofluorobenzene	11.079	95	93674	50.577	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	51701	44.766	ug/l	98
3) Chloromethane	1.295	50	48956	43.530	ug/l	97
4) Vinyl Chloride	1.374	62	55900	44.941	ug/l	98
5) Bromomethane	1.612	94	61765	47.426	ug/l	97
6) Chloroethane	1.685	64	44363	39.834	ug/l	97
7) Trichlorofluoromethane	1.886	101	108527	49.080	ug/l	99
8) Diethyl Ether	2.130	74	36699	48.838	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	56990	47.539	ug/l	98
10) Methyl Iodide	2.453	142	53396	30.822	ug/l	97
11) Tert butyl alcohol	2.977	59	57798	249.896	ug/l	99
12) 1,1-Dichloroethene	2.319	96	52820	46.877	ug/l	93
13) Acrolein	2.240	56	56774	283.991	ug/l	99
14) Allyl chloride	2.666	41	87394	49.383	ug/l	99
15) Acrylonitrile	3.063	53	149278	242.367	ug/l	99
16) Acetone	2.386	43	137767	258.504	ug/l	97
17) Carbon Disulfide	2.514	76	119320	45.233	ug/l	100
18) Methyl Acetate	2.703	43	85588	47.304	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	200682	51.685	ug/l	97
20) Methylene Chloride	2.788	84	61551	44.979	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	57575	46.914	ug/l	98
22) Diisopropyl ether	3.764	45	192204	49.596	ug/l	90
23) Vinyl Acetate	3.721	43	711942	229.851	ug/l	100
24) 1,1-Dichloroethane	3.611	63	109941	49.100	ug/l	98
25) 2-Butanone	4.556	43	210481	252.962	ug/l	99
26) 2,2-Dichloropropane	4.477	77	77012	47.737	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	71488	49.751	ug/l	99
28) Bromochloromethane	4.904	49	42493	45.998	ug/l	98
29) Tetrahydrofuran	5.007	42	131421	244.547	ug/l	98
30) Chloroform	5.093	83	124289	50.998	ug/l	97
31) Cyclohexane	5.471	56	87497	46.605	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	111146	53.480	ug/l	100
36) 1,1-Dichloropropene	5.696	75	83663	46.288	ug/l	100
37) Ethyl Acetate	4.715	43	78101	44.133	ug/l	99
38) Carbon Tetrachloride	5.678	117	98104	51.416	ug/l	97
39) Methylcyclohexane	7.385	83	97140	44.990	ug/l	98
40) Benzene	6.044	78	245800	46.922	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032349.D
 Acq On : 24 Oct 2022 18:40
 Operator : JC/MD
 Sample : N5237-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-GW-01MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/26/2022

Quant Time: Oct 25 03:58:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47706	51.123	ug/l	99
42) 1,2-Dichloroethane	6.086	62	102045	50.856	ug/l	99
43) Isopropyl Acetate	6.342	43	136688	49.212	ug/l	99
44) Trichloroethene	7.129	130	67260	46.625	ug/l	98
45) 1,2-Dichloropropane	7.434	63	63955	48.396	ug/l	97
46) Dibromomethane	7.586	93	48425	49.130	ug/l	99
47) Bromodichloromethane	7.824	83	97863	53.749	ug/l	96
48) Methyl methacrylate	7.696	41	71748	51.796	ug/l	97
49) 1,4-Dioxane	7.690	88	26484	952.662	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	448401	257.538	ug/l	100
52) Toluene	8.720	92	159689	47.058	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	96139	46.972	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	103150	50.843	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	68708	49.841	ug/l	99
56) Ethyl methacrylate	9.116	69	99667	50.200	ug/l	100
57) 1,3-Dichloropropane	9.311	76	111043	49.729	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.366	63	603	0.663	ug/l #	45
59) 2-Hexanone	9.433	43	335613	258.333	ug/l	100
60) Dibromochloromethane	9.525	129	78502	55.563	ug/l	98
61) 1,2-Dibromoethane	9.610	107	72721	49.762	ug/l	98
64) Tetrachloroethene	9.275	164	55303	45.388	ug/l	99
65) Chlorobenzene	10.080	112	179823	47.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	69975	51.693	ug/l	98
67) Ethyl Benzene	10.195	91	327426	48.884	ug/l	100
68) m/p-Xylenes	10.305	106	251750	95.175	ug/l	98
69) o-Xylene	10.640	106	124521	49.140	ug/l	100
70) Styrene	10.659	104	209867	49.113	ug/l	99
71) Bromoform	10.799	173	59313	51.575	ug/l #	100
73) Isopropylbenzene	10.964	105	333904	47.054	ug/l	100
74) N-amyl acetate	10.842	43	122653	46.786	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	109619	48.050	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	97229m	49.342	ug/l	
77) Bromobenzene	11.201	156	82025	47.158	ug/l	98
78) n-propylbenzene	11.305	91	387039	47.633	ug/l	100
79) 2-Chlorotoluene	11.366	91	231321	47.237	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	292348	47.696	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29324	46.940	ug/l	100
82) 4-Chlorotoluene	11.457	91	273916	48.043	ug/l	100
83) tert-Butylbenzene	11.713	119	297092	48.444	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	295989	49.670	ug/l	99
85) sec-Butylbenzene	11.890	105	356052	48.041	ug/l	99
86) p-Isopropyltoluene	12.012	119	302582	47.982	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	156903	46.867	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	160004	46.527	ug/l	99
89) n-Butylbenzene	12.335	91	258363	46.515	ug/l	99
90) Hexachloroethane	12.536	117	51540	52.670	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	157151	47.817	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24171	55.456	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	95302	44.543	ug/l	97
94) Hexachlorobutadiene	13.725	225	40517	43.633	ug/l	99
95) Naphthalene	13.774	128	331592	48.390	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	96194	44.700	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
Data File : VX032349.D
Acq On : 24 Oct 2022 18:40
Operator : JC/MD
Sample : N5237-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LSP-GW-01MS

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/26/2022

Quant Time: Oct 25 03:58:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 22 04:56:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

