

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032505.D
 Acq On : 01 Nov 2022 12:05
 Operator : JC/MD
 Sample : VX1101WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/02/2022
 Supervised By : Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 05:26:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	110605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77568	50.473	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.940%			
35) Dibromofluoromethane	5.385	113	62092	51.054	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.100%			
50) Toluene-d8	8.653	98	210290	49.726	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.460%			
62) 4-Bromofluorobenzene	11.079	95	83217	50.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	25504	19.993	ug/l	94
3) Chloromethane	1.294	50	20085	18.617	ug/l	97
4) Vinyl Chloride	1.374	62	21913	18.456	ug/l	94
5) Bromomethane	1.611	94	22101	23.293	ug/l	97
6) Chloroethane	1.685	64	14772	18.546	ug/l	95
7) Trichlorofluoromethane	1.886	101	43529	19.349	ug/l	98
8) Diethyl Ether	2.130	74	14052	19.275	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	23254	19.584	ug/l	99
10) Methyl Iodide	2.453	142	26418	21.153	ug/l	99
11) Tert butyl alcohol	2.971	59	21825	97.571	ug/l	99
12) 1,1-Dichloroethene	2.319	96	20545	18.522	ug/l	100
13) Acrolein	2.233	56	30359	135.953	ug/l	98
14) Allyl chloride	2.666	41	33751	19.088	ug/l	99
15) Acrylonitrile	3.062	53	57898	95.374	ug/l	100
16) Acetone	2.380	43	52657	94.272	ug/l	98
17) Carbon Disulfide	2.514	76	48251	18.263	ug/l	99
18) Methyl Acetate	2.703	43	36470	20.078	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	76022	19.500	ug/l	99
20) Methylene Chloride	2.788	84	24058	18.785	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	22713	18.812	ug/l	98
22) Diisopropyl ether	3.757	45	71049	18.577	ug/l #	84
23) Vinyl Acetate	3.721	43	295450	95.617	ug/l	99
24) 1,1-Dichloroethane	3.611	63	41800	19.001	ug/l	100
25) 2-Butanone	4.556	43	80212	92.690	ug/l	100
26) 2,2-Dichloropropane	4.477	77	33579	19.202	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	26321	18.860	ug/l	98
28) Bromochloromethane	4.903	49	14024	17.897	ug/l	99
29) Tetrahydrofuran	5.007	42	52585	95.294	ug/l	99
30) Chloroform	5.099	83	46847	19.407	ug/l	97
31) Cyclohexane	5.470	56	34600	18.568	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	41576	19.193	ug/l	98
36) 1,1-Dichloropropene	5.690	75	32747	19.336	ug/l	99
37) Ethyl Acetate	4.714	43	31984	18.143	ug/l	100
38) Carbon Tetrachloride	5.678	117	37486	19.956	ug/l	94
39) Methylcyclohexane	7.385	83	39348	19.637	ug/l	98
40) Benzene	6.037	78	92229	19.244	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032505.D
 Acq On : 01 Nov 2022 12:05
 Operator : JC/MD
 Sample : VX1101WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 05:26:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18076	20.128	ug/l	97
42) 1,2-Dichloroethane	6.086	62	39935	20.384	ug/l	100
43) Isopropyl Acetate	6.336	43	53848	19.894	ug/l	98
44) Trichloroethene	7.129	130	25765	19.097	ug/l	99
45) 1,2-Dichloropropane	7.433	63	23828	19.368	ug/l	99
46) Dibromomethane	7.580	93	18796	19.921	ug/l	99
47) Bromodichloromethane	7.824	83	35774	20.006	ug/l	99
48) Methyl methacrylate	7.690	41	26470	18.935	ug/l	97
49) 1,4-Dioxane	7.677	88	10465	392.814	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	167460	98.222	ug/l	100
52) Toluene	8.720	92	60086	19.216	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	36330	19.912	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	39292	20.135	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	25629	19.462	ug/l	98
56) Ethyl methacrylate	9.116	69	37048	19.550	ug/l	98
57) 1,3-Dichloropropane	9.311	76	41626	19.574	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	94618	103.693	ug/l	100
59) 2-Hexanone	9.433	43	124910	98.738	ug/l	100
60) Dibromochloromethane	9.518	129	27992	19.461	ug/l	100
61) 1,2-Dibromoethane	9.610	107	27503	19.711	ug/l	99
64) Tetrachloroethene	9.275	164	22218	19.604	ug/l	94
65) Chlorobenzene	10.079	112	66570	19.193	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	25381	19.443	ug/l	99
67) Ethyl Benzene	10.195	91	119936	19.337	ug/l	100
68) m/p-Xylenes	10.299	106	91563	38.017	ug/l	99
69) o-Xylene	10.640	106	45431	19.401	ug/l	98
70) Styrene	10.659	104	74654	19.183	ug/l	99
71) Bromoform	10.799	173	20308	19.676	ug/l #	99
73) Isopropylbenzene	10.963	105	120924	19.154	ug/l	100
74) N-amyl acetate	10.841	43	46657	19.559	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	39274	19.380	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30390m	17.145	ug/l	
77) Bromobenzene	11.201	156	30002	19.384	ug/l	99
78) n-propylbenzene	11.305	91	138068	18.981	ug/l	100
79) 2-Chlorotoluene	11.366	91	82605	18.963	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	103967	19.268	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10702	19.212	ug/l	97
82) 4-Chlorotoluene	11.457	91	96080	18.849	ug/l	100
83) tert-Butylbenzene	11.713	119	103785	19.266	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	104319	19.438	ug/l	99
85) sec-Butylbenzene	11.890	105	124485	19.205	ug/l	100
86) p-Isopropyltoluene	12.012	119	106642	19.389	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	55388	18.971	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	55379	18.283	ug/l	99
89) n-Butylbenzene	12.335	91	90777	18.971	ug/l	100
90) Hexachloroethane	12.542	117	17665	19.663	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	55488	19.274	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8438	18.991	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	35405	18.861	ug/l	96
94) Hexachlorobutadiene	13.725	225	15122	19.289	ug/l	100
95) Naphthalene	13.774	128	118959	19.019	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	35900	18.814	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032505.D
 Acq On : 01 Nov 2022 12:05
 Operator : JC/MD
 Sample : VX1101WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 05:26:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

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

