

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
 Data File : VX040007.D
 Acq On : 29 Jan 2024 19:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2024
 Supervised By : Mahesh Dadoda 01/30/2024

Quant Time: Jan 30 02:51:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	162592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	285649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115214	42.301	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.600%		
35) Dibromofluoromethane	5.385	113	91568	47.593	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.180%		
50) Toluene-d8	8.647	98	333832	46.005	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.020%		
62) 4-Bromofluorobenzene	11.079	95	137364	48.409	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40677	19.336	ug/l	94
3) Chloromethane	1.294	50	39082	16.267	ug/l	97
4) Vinyl Chloride	1.374	62	40071	17.673	ug/l	99
5) Bromomethane	1.599	94	42778	33.067	ug/l	97
6) Chloroethane	1.678	64	27617	21.427	ug/l	96
7) Trichlorofluoromethane	1.886	101	61719	18.870	ug/l	100
8) Diethyl Ether	2.136	74	24252	20.065	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	37458	18.473	ug/l	91
10) Methyl Iodide	2.453	142	55202	25.806	ug/l	98
11) Tert butyl alcohol	2.965	59	92978	131.141	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	36079	18.437	ug/l	85
13) Acrolein	2.233	56	56350	121.362	ug/l	99
14) Allyl chloride	2.660	41	90668	23.540	ug/l	99
15) Acrylonitrile	3.062	53	183211	125.099	ug/l	99
16) Acetone	2.380	43	159743	104.287	ug/l	95
17) Carbon Disulfide	2.508	76	131090	23.307	ug/l	100
18) Methyl Acetate	2.703	43	95019	29.651	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	179198	25.793	ug/l	99
20) Methylene Chloride	2.788	84	57263	24.715	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	54446	26.438	ug/l	95
22) Diisopropyl ether	3.757	45	182152	24.782	ug/l	96
23) Vinyl Acetate	3.721	43	844431	123.593	ug/l	100
24) 1,1-Dichloroethane	3.605	63	103245	25.533	ug/l	99
25) 2-Butanone	4.550	43	265689	120.699	ug/l	96
26) 2,2-Dichloropropane	4.477	77	74702	23.018	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	62711	26.550	ug/l	96
28) Bromochloromethane	4.897	49	38007	20.736	ug/l	99
29) Tetrahydrofuran	5.007	42	180324	127.274	ug/l	99
30) Chloroform	5.093	83	110419	27.662	ug/l	99
31) Cyclohexane	5.477	56	88545	24.633	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	92890	27.181	ug/l	98
36) 1,1-Dichloropropene	5.690	75	78668	26.269	ug/l	98
37) Ethyl Acetate	4.715	43	99427	24.887	ug/l	99
38) Carbon Tetrachloride	5.672	117	78072	28.464	ug/l	95
39) Methylcyclohexane	7.379	83	88225	24.533	ug/l	90
40) Benzene	6.037	78	229015	27.006	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53283	27.273	ug/l	95
42) 1,2-Dichloroethane	6.086	62	88958	27.593	ug/l	99
43) Isopropyl Acetate	6.342	43	150330	25.650	ug/l	99
44) Trichloroethene	7.129	130	54244	26.101	ug/l	94
45) 1,2-Dichloropropane	7.427	63	57296	25.187	ug/l	98
46) Dibromomethane	7.580	93	42095	26.791	ug/l	96
47) Bromodichloromethane	7.818	83	79904	27.458	ug/l	99
48) Methyl methacrylate	7.690	41	73101	25.375	ug/l	94
49) 1,4-Dioxane	7.659	88	29040	520.971	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	523411	129.673	ug/l	99
52) Toluene	8.714	92	142284	28.091	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	85373	27.648	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	88648	26.109	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	57923	26.860	ug/l	92
56) Ethyl methacrylate	9.116	69	95065	27.238	ug/l	97
57) 1,3-Dichloropropane	9.305	76	99337	27.182	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	196407	119.054	ug/l	96
59) 2-Hexanone	9.427	43	420520	131.635	ug/l	99
60) Dibromochloromethane	9.519	129	60557	29.777	ug/l	98
61) 1,2-Dibromoethane	9.610	107	64040	28.677	ug/l	99
64) Tetrachloroethene	9.275	164	45713	26.260	ug/l	95
65) Chlorobenzene	10.079	112	148753	26.680	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	53310	28.080	ug/l	99
67) Ethyl Benzene	10.195	91	279488	27.001	ug/l	98
68) m/p-Xylenes	10.299	106	209115	54.931	ug/l	97
69) o-Xylene	10.640	106	105246	27.917	ug/l	100
70) Styrene	10.652	104	175533	28.503	ug/l	99
71) Bromoform	10.799	173	43143	30.264	ug/l #	98
73) Isopropylbenzene	10.963	105	271449	25.511	ug/l	100
74) N-amyl acetate	10.841	43	137005	24.702	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	102376	25.197	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	84094m	24.270	ug/l	
77) Bromobenzene	11.201	156	63047	26.612	ug/l	98
78) n-propylbenzene	11.305	91	334893	26.004	ug/l	98
79) 2-Chlorotoluene	11.366	91	193953	24.367	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	234790	25.981	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	26701	24.681	ug/l	97
82) 4-Chlorotoluene	11.451	91	230755	25.559	ug/l	100
83) tert-Butylbenzene	11.713	119	220110	25.512	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	234677	26.029	ug/l	99
85) sec-Butylbenzene	11.890	105	291833	26.057	ug/l	98
86) p-Isopropyltoluene	12.012	119	238971	26.697	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	120350	26.501	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	124528	26.550	ug/l	98
89) n-Butylbenzene	12.329	91	231342	26.759	ug/l	97
90) Hexachloroethane	12.536	117	39411	26.099	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	116605	25.972	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25457	25.569	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	73807	26.901	ug/l	99
94) Hexachlorobutadiene	13.725	225	26538	23.268	ug/l	98
95) Naphthalene	13.774	128	277830	27.507	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73996	26.722	ug/l	98

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

