

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040477.D
 Acq On : 27 Feb 2024 10:23
 Operator : JC/MD
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Quant Time: Feb 28 01:58:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	83598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70211	50.214	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.420%			
35) Dibromofluoromethane	5.385	113	50059	51.505	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.020%			
50) Toluene-d8	8.647	98	183175	51.921	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.840%			
62) 4-Bromofluorobenzene	11.079	95	71802	53.391	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	21581	20.744	ug/l	98
3) Chloromethane	1.295	50	20928	20.281	ug/l	100
4) Vinyl Chloride	1.374	62	21963	19.682	ug/l	100
5) Bromomethane	1.605	94	14779	23.832	ug/l	95
6) Chloroethane	1.685	64	13602	19.261	ug/l	96
7) Trichlorofluoromethane	1.886	101	37251	21.136	ug/l	94
8) Diethyl Ether	2.136	74	12623	20.491	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	19647	20.710	ug/l	99
10) Methyl Iodide	2.453	142	18739	21.211	ug/l	99
11) Tert butyl alcohol	2.959	59	23802	101.264	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	18201	19.110	ug/l	100
13) Acrolein	2.233	56	24441	162.188	ug/l	99
14) Allyl chloride	2.666	41	32029	19.222	ug/l	93
15) Acrylonitrile	3.063	53	58458	99.149	ug/l	99
16) Acetone	2.380	43	49426	108.394	ug/l	94
17) Carbon Disulfide	2.508	76	47970	18.187	ug/l	98
18) Methyl Acetate	2.703	43	28783	20.475	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	63845	19.652	ug/l	97
20) Methylene Chloride	2.788	84	21580	19.777	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	18955	18.661	ug/l	95
22) Diisopropyl ether	3.758	45	66705	19.921	ug/l	97
23) Vinyl Acetate	3.721	43	303353	98.897	ug/l	99
24) 1,1-Dichloroethane	3.611	63	39233	20.092	ug/l	98
25) 2-Butanone	4.550	43	82675	104.064	ug/l	99
26) 2,2-Dichloropropane	4.471	77	30771	19.792	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	23048	19.395	ug/l	98
28) Bromochloromethane	4.891	49	13937	17.063	ug/l	97
29) Tetrahydrofuran	5.001	42	55325	99.823	ug/l	100
30) Chloroform	5.093	83	40790	19.680	ug/l	94
31) Cyclohexane	5.465	56	31781	20.062	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	35039	19.807	ug/l	97
36) 1,1-Dichloropropene	5.696	75	30278	20.220	ug/l	97
37) Ethyl Acetate	4.715	43	32053	19.559	ug/l	99
38) Carbon Tetrachloride	5.678	117	28761	19.882	ug/l	95
39) Methylcyclohexane	7.379	83	33972	21.013	ug/l	95
40) Benzene	6.038	78	80774	19.924	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17352	18.956	ug/l	92
42) 1,2-Dichloroethane	6.086	62	35529	21.174	ug/l	98
43) Isopropyl Acetate	6.336	43	52015	20.228	ug/l	98
44) Trichloroethene	7.123	130	22163	20.327	ug/l	97
45) 1,2-Dichloropropane	7.428	63	21369	19.695	ug/l	93
46) Dibromomethane	7.580	93	16377	20.530	ug/l	99
47) Bromodichloromethane	7.818	83	30716	19.556	ug/l	95
48) Methyl methacrylate	7.690	41	26723	20.792	ug/l	95
49) 1,4-Dioxane	7.653	88	10935	449.754	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	174904	102.875	ug/l	98
52) Toluene	8.714	92	52248	20.999	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	32143	20.166	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	34517	20.146	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	21558	20.878	ug/l	92
56) Ethyl methacrylate	9.116	69	32985	20.661	ug/l	96
57) 1,3-Dichloropropane	9.305	76	37069	20.612	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	77752	92.886	ug/l	95
59) 2-Hexanone	9.427	43	138890	106.254	ug/l	98
60) Dibromochloromethane	9.519	129	22296	19.880	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23357	20.730	ug/l	99
64) Tetrachloroethene	9.275	164	19967	21.131	ug/l	92
65) Chlorobenzene	10.080	112	57578	20.112	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20162	19.984	ug/l	98
67) Ethyl Benzene	10.195	91	104773	19.993	ug/l	100
68) m/p-Xylenes	10.299	106	76469	39.077	ug/l	94
69) o-Xylene	10.640	106	36436	19.468	ug/l	92
70) Styrene	10.653	104	62584	20.058	ug/l	97
71) Bromoform	10.799	173	15465	18.726	ug/l #	97
73) Isopropylbenzene	10.964	105	101609	20.639	ug/l	100
74) N-amyl acetate	10.842	43	45642	19.961	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	35961	20.198	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30204m	20.530	ug/l	
77) Bromobenzene	11.195	156	23673	20.336	ug/l	99
78) n-propylbenzene	11.305	91	125655	20.577	ug/l	98
79) 2-Chlorotoluene	11.360	91	73971	20.122	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	85981	20.536	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	9395	21.094	ug/l	98
82) 4-Chlorotoluene	11.451	91	86933	20.450	ug/l	99
83) tert-Butylbenzene	11.713	119	81867	20.740	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	85345	20.544	ug/l	98
85) sec-Butylbenzene	11.890	105	108762	20.973	ug/l	99
86) p-Isopropyltoluene	12.006	119	89830	21.015	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	46843	20.188	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	47825	20.247	ug/l	100
89) n-Butylbenzene	12.329	91	86501	20.569	ug/l	96
90) Hexachloroethane	12.536	117	14274	20.064	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	45314	20.493	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8161	19.661	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	29786	20.641	ug/l	95
94) Hexachlorobutadiene	13.725	225	12207	20.698	ug/l	97
95) Naphthalene	13.774	128	94014	20.387	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	29202	21.288	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

