

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040459.D
 Acq On : 26 Feb 2024 14:44
 Operator : JC/MD
 Sample : VX0226WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Quant Time: Feb 27 05:08:42 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 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	86942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65903	45.320	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.640%		
35) Dibromofluoromethane	5.385	113	47678	47.344	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.680%		
50) Toluene-d8	8.647	98	168511	46.099	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.200%		
62) 4-Bromofluorobenzene	11.079	95	65843	47.252	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20102	18.579	ug/l	96
3) Chloromethane	1.294	50	18754	17.475	ug/l	96
4) Vinyl Chloride	1.374	62	20142	17.356	ug/l	98
5) Bromomethane	1.605	94	13781	21.368	ug/l	91
6) Chloroethane	1.685	64	12330	16.788	ug/l	95
7) Trichlorofluoromethane	1.886	101	32968	17.987	ug/l	100
8) Diethyl Ether	2.130	74	12117	18.913	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	18057	18.302	ug/l	98
10) Methyl Iodide	2.453	142	18478	20.277	ug/l	98
11) Tert butyl alcohol	2.959	59	25296	103.481	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	17248	17.412	ug/l	96
13) Acrolein	2.233	56	20018	127.728	ug/l	98
14) Allyl chloride	2.660	41	31224	18.018	ug/l	95
15) Acrylonitrile	3.062	53	60339	98.403	ug/l	100
16) Acetone	2.374	43	51326	108.231	ug/l	99
17) Carbon Disulfide	2.508	76	45954	16.753	ug/l	99
18) Methyl Acetate	2.703	43	30210	20.663	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	63619	18.829	ug/l	97
20) Methylene Chloride	2.788	84	20234	17.830	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	19055	18.038	ug/l	94
22) Diisopropyl ether	3.757	45	64415	18.497	ug/l	97
23) Vinyl Acetate	3.721	43	301570	94.534	ug/l	98
24) 1,1-Dichloroethane	3.605	63	36331	17.890	ug/l	98
25) 2-Butanone	4.550	43	83236	100.741	ug/l	97
26) 2,2-Dichloropropane	4.471	77	28349	17.533	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	21655	17.522	ug/l	98
28) Bromochloromethane	4.891	49	16167	19.031	ug/l	98
29) Tetrahydrofuran	5.001	42	56201	97.503	ug/l	98
30) Chloroform	5.093	83	38839	18.018	ug/l	99
31) Cyclohexane	5.464	56	29592	17.962	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	32832	17.845	ug/l	97
36) 1,1-Dichloropropene	5.690	75	27755	17.889	ug/l	99
37) Ethyl Acetate	4.715	43	32255	18.996	ug/l	99
38) Carbon Tetrachloride	5.672	117	27089	18.073	ug/l	97
39) Methylcyclohexane	7.379	83	31869	19.025	ug/l	94
40) Benzene	6.038	78	77440	18.435	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17687	18.648	ug/l #	92
42) 1,2-Dichloroethane	6.080	62	33765	19.421	ug/l	99
43) Isopropyl Acetate	6.336	43	52855	19.838	ug/l	98
44) Trichloroethene	7.123	130	20477	18.126	ug/l	92
45) 1,2-Dichloropropane	7.428	63	20964	18.647	ug/l	96
46) Dibromomethane	7.580	93	15627	18.907	ug/l	99
47) Bromodichloromethane	7.818	83	29695	18.247	ug/l	95
48) Methyl methacrylate	7.690	41	26177	19.657	ug/l	92
49) 1,4-Dioxane	7.653	88	11020	437.441	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	178125	101.116	ug/l	99
52) Toluene	8.720	92	48255	18.718	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	30747	18.617	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	32626	18.378	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	20452	19.116	ug/l	91
56) Ethyl methacrylate	9.116	69	33173	20.054	ug/l	95
57) 1,3-Dichloropropane	9.305	76	36376	19.521	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	87951	101.405	ug/l	95
59) 2-Hexanone	9.427	43	140300	103.589	ug/l	98
60) Dibromochloromethane	9.519	129	21455	18.463	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23136	19.818	ug/l	97
64) Tetrachloroethene	9.275	164	17903	18.373	ug/l	99
65) Chlorobenzene	10.079	112	52976	17.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	19672	18.908	ug/l	97
67) Ethyl Benzene	10.195	91	98686	18.261	ug/l	99
68) m/p-Xylenes	10.299	106	71134	35.249	ug/l	94
69) o-Xylene	10.640	106	35182	18.228	ug/l	95
70) Styrene	10.653	104	59037	18.348	ug/l	99
71) Bromoform	10.799	173	15289	17.952	ug/l #	99
73) Isopropylbenzene	10.963	105	93916	18.125	ug/l	99
74) N-amyl acetate	10.842	43	44439	18.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	35206	18.788	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	29318m	18.934	ug/l	
77) Bromobenzene	11.195	156	21966	17.929	ug/l	99
78) n-propylbenzene	11.305	91	116736	18.163	ug/l	98
79) 2-Chlorotoluene	11.360	91	69058	17.849	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	80437	18.253	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	8395	18.287	ug/l	93
82) 4-Chlorotoluene	11.451	91	80904	18.083	ug/l	99
83) tert-Butylbenzene	11.713	119	74962	18.043	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	80167	18.336	ug/l	100
85) sec-Butylbenzene	11.890	105	99449	18.221	ug/l	99
86) p-Isopropyltoluene	12.006	119	81350	18.082	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	42052	17.219	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	43356	17.440	ug/l	97
89) n-Butylbenzene	12.335	91	81194	18.344	ug/l	94
90) Hexachloroethane	12.536	117	12831	17.136	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	41592	17.872	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8026	18.372	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	27267	17.953	ug/l	98
94) Hexachlorobutadiene	13.725	225	11236	18.101	ug/l	98
95) Naphthalene	13.774	128	94177	19.404	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26888	18.624	ug/l	98

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

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