

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041457.D
 Acq On : 10 May 2024 14:33
 Operator : JC/MD
 Sample : VX0511WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

Quant Time: May 11 01:34:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2024
 Supervised By : Mahesh Dadoda 05/13/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	197890	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	278010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111848	51.918	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.840%
35) Dibromofluoromethane	5.379	113	90171	47.862	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.720%
50) Toluene-d8	8.647	98	318535	53.419	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.840%
62) 4-Bromofluorobenzene	11.079	95	106871	46.298	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32534	20.008	ug/l	96
3) Chloromethane	1.294	50	30655	18.219	ug/l	97
4) Vinyl Chloride	1.374	62	31434	19.597	ug/l	100
5) Bromomethane	1.599	94	20894	20.779	ug/l	97
6) Chloroethane	1.666	64	19276	25.882	ug/l	95
7) Trichlorofluoromethane	1.867	101	57950	20.951	ug/l	98
8) Diethyl Ether	2.136	74	21049	21.591	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	36444	23.443	ug/l	89
10) Methyl Iodide	2.447	142	35572	21.261	ug/l	90
11) Tert butyl alcohol	2.995	59	46667	108.228	ug/l	# 94
12) 1,1-Dichloroethene	2.306	96	32758	21.362	ug/l	88
13) Acrolein	2.239	56	27919	81.617	ug/l	100
14) Allyl chloride	2.660	41	57052	22.144	ug/l	98
15) Acrylonitrile	3.068	53	107183	108.914	ug/l	99
16) Acetone	2.386	43	113098	117.138	ug/l	97
17) Carbon Disulfide	2.501	76	65354	18.130	ug/l	100
18) Methyl Acetate	2.709	43	50628	22.970	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	118183	21.141	ug/l	98
20) Methylene Chloride	2.788	84	39015	20.861	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	34075	19.883	ug/l	94
22) Diisopropyl ether	3.763	45	119147	21.821	ug/l	92
23) Vinyl Acetate	3.721	43	535853	109.709	ug/l	97
24) 1,1-Dichloroethane	3.605	63	66370	21.516	ug/l	98
25) 2-Butanone	4.562	43	159103	114.108	ug/l	97
26) 2,2-Dichloropropane	4.471	77	55635	21.571	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	42637	21.013	ug/l	93
28) Bromochloromethane	4.897	49	22852	20.758	ug/l	# 80
29) Tetrahydrofuran	5.007	42	98766	108.310	ug/l	96
30) Chloroform	5.086	83	71058	22.141	ug/l	99
31) Cyclohexane	5.458	56	52938	20.360	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	63133	21.622	ug/l	98
36) 1,1-Dichloropropene	5.690	75	44531	19.767	ug/l	94
37) Ethyl Acetate	4.714	43	59376	21.123	ug/l	100
38) Carbon Tetrachloride	5.672	117	52852	20.479	ug/l	97
39) Methylcyclohexane	7.372	83	57787	21.834	ug/l	95
40) Benzene	6.031	78	143455	20.657	ug/l	99

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41) Methacrylonitrile	4.922	41	31204	21.569	ug/l	95
42) 1,2-Dichloroethane	6.080	62	54734	21.505	ug/l	96
43) Isopropyl Acetate	6.342	43	90661	21.452	ug/l	99
44) Trichloroethene	7.123	130	40054	21.842	ug/l	90
45) 1,2-Dichloropropane	7.427	63	35148	22.652	ug/l	98
46) Dibromomethane	7.580	93	27367	22.155	ug/l #	79
47) Bromodichloromethane	7.818	83	50956	23.149	ug/l	100
48) Methyl methacrylate	7.696	41	45116	23.287	ug/l	95
49) 1,4-Dioxane	7.665	88	19156	457.324	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	312732	123.316	ug/l	100
52) Toluene	8.714	92	94646	22.279	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	48751	20.563	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	54031	22.328	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	38762	23.692	ug/l	97
56) Ethyl methacrylate	9.116	69	60571	23.922	ug/l	98
57) 1,3-Dichloropropane	9.305	76	62450	22.871	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	122028	99.394	ug/l	94
59) 2-Hexanone	9.433	43	245388	121.007	ug/l	99
60) Dibromochloromethane	9.518	129	42013	21.813	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39746	22.082	ug/l	100
64) Tetrachloroethene	9.275	164	38432	20.950	ug/l	90
65) Chlorobenzene	10.079	112	109714	21.334	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	39090	21.512	ug/l	98
67) Ethyl Benzene	10.195	91	181225	21.359	ug/l	98
68) m/p-Xylenes	10.299	106	143517	42.239	ug/l	95
69) o-Xylene	10.640	106	70899	21.793	ug/l	95
70) Styrene	10.652	104	118507	22.199	ug/l	96
71) Bromoform	10.799	173	33925	20.862	ug/l #	99
73) Isopropylbenzene	10.963	105	169630	20.087	ug/l	97
74) N-amyl acetate	10.841	43	80482	21.814	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	56923	20.571	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	46606m	20.672	ug/l	
77) Bromobenzene	11.195	156	48353	20.287	ug/l	78
78) n-propylbenzene	11.305	91	174599	19.685	ug/l	96
79) 2-Chlorotoluene	11.366	91	108853	19.045	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	134886	19.594	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	14364	17.354	ug/l	97
82) 4-Chlorotoluene	11.451	91	125550	19.349	ug/l	93
83) tert-Butylbenzene	11.713	119	153209	20.783	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	144157	20.811	ug/l	96
85) sec-Butylbenzene	11.890	105	174447	20.649	ug/l	95
86) p-Isopropyltoluene	12.006	119	163907	21.602	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	87807	20.268	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	93379	20.921	ug/l	96
89) n-Butylbenzene	12.329	91	135097	22.143	ug/l	97
90) Hexachloroethane	12.536	117	27139	21.388	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	98918	21.617	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13358	20.890	ug/l	62
93) 1,2,4-Trichlorobenzene	13.585	180	65937	20.615	ug/l	96
94) Hexachlorobutadiene	13.725	225	32502	20.349	ug/l	98
95) Naphthalene	13.774	128	184749	19.491	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60915	18.634	ug/l	96

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

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