

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041631.D
 Acq On : 23 May 2024 16:08
 Operator : JC/MD
 Sample : VX0523WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD02

Quant Time: May 24 06:40:08 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 :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	163261	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	237750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95271	53.604	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.200%			
35) Dibromofluoromethane	5.391	113	77597	48.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.320%			
50) Toluene-d8	8.647	98	268080	52.570	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.140%			
62) 4-Bromofluorobenzene	11.079	95	103755	52.560	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	25904	19.309	ug/l	96
3) Chloromethane	1.300	50	26615	19.173	ug/l	99
4) Vinyl Chloride	1.374	62	28591	21.605	ug/l	98
5) Bromomethane	1.593	94	17115	20.631	ug/l	98
6) Chloroethane	1.666	64	19271	31.364	ug/l	98
7) Trichlorofluoromethane	1.867	101	50454	22.110	ug/l	98
8) Diethyl Ether	2.136	74	19640	24.419	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	28065	21.883	ug/l	89
10) Methyl Iodide	2.447	142	34524	25.011	ug/l	91
11) Tert butyl alcohol	2.995	59	46286	130.113	ug/l	# 92
12) 1,1-Dichloroethene	2.306	96	26099	20.629	ug/l	92
13) Acrolein	2.239	56	42631	151.060	ug/l	99
14) Allyl chloride	2.660	41	46612	21.930	ug/l	100
15) Acrylonitrile	3.068	53	98725	121.598	ug/l	99
16) Acetone	2.392	43	94559	118.763	ug/l	95
17) Carbon Disulfide	2.501	76	43766	14.716	ug/l	99
18) Methyl Acetate	2.709	43	50901	27.992	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	102952	22.323	ug/l	98
20) Methylene Chloride	2.788	84	32524	21.079	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	26616	18.825	ug/l	92
22) Diisopropyl ether	3.763	45	100988	22.418	ug/l	96
23) Vinyl Acetate	3.727	43	449236	111.484	ug/l	98
24) 1,1-Dichloroethane	3.605	63	54976	21.602	ug/l	99
25) 2-Butanone	4.568	43	143766	124.978	ug/l	97
26) 2,2-Dichloropropane	4.477	77	39614	18.617	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	35337	21.109	ug/l	90
28) Bromochloromethane	4.903	49	17664	19.448	ug/l	# 81
29) Tetrahydrofuran	5.019	42	90739	120.614	ug/l	96
30) Chloroform	5.092	83	59535	22.486	ug/l	99
31) Cyclohexane	5.470	56	39031	18.196	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	51281	21.289	ug/l	99
36) 1,1-Dichloropropene	5.696	75	35812	18.589	ug/l	97
37) Ethyl Acetate	4.721	43	53057	22.072	ug/l	99
38) Carbon Tetrachloride	5.678	117	42984	19.476	ug/l	99
39) Methylcyclohexane	7.379	83	40779	18.017	ug/l	92
40) Benzene	6.037	78	116312	19.584	ug/l	99

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Quant Time: May 24 06:40:08 2024
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28806	23.283	ug/l	95
42) 1,2-Dichloroethane	6.086	62	47116	21.647	ug/l	98
43) Isopropyl Acetate	6.348	43	80621	22.306	ug/l	97
44) Trichloroethene	7.129	130	31733	20.234	ug/l	86
45) 1,2-Dichloropropane	7.433	63	29608	22.313	ug/l	99
46) Dibromomethane	7.580	93	22654	21.446	ug/l #	79
47) Bromodichloromethane	7.824	83	42842	22.759	ug/l	97
48) Methyl methacrylate	7.696	41	39746	23.989	ug/l	95
49) 1,4-Dioxane	7.665	88	17197	480.077	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	289177	133.337	ug/l	99
52) Toluene	8.720	92	77926	21.449	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	40488	20.040	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	44429	21.469	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	33314	23.810	ug/l	96
56) Ethyl methacrylate	9.116	69	52201	24.107	ug/l	99
57) 1,3-Dichloropropane	9.311	76	54032	23.139	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	111587	106.281	ug/l	93
59) 2-Hexanone	9.433	43	226380	130.537	ug/l	99
60) Dibromochloromethane	9.525	129	36446	22.127	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34362	22.324	ug/l	98
64) Tetrachloroethene	9.275	164	29956	18.887	ug/l	90
65) Chlorobenzene	10.079	112	91849	20.657	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	33317	21.206	ug/l	98
67) Ethyl Benzene	10.195	91	148142	20.194	ug/l	99
68) m/p-Xylenes	10.299	106	116256	39.574	ug/l	95
69) o-Xylene	10.640	106	58649	20.851	ug/l	94
70) Styrene	10.658	104	99497	21.557	ug/l	96
71) Bromoform	10.799	173	29140	20.725	ug/l #	99
73) Isopropylbenzene	10.963	105	151587	21.067	ug/l	96
74) N-amyl acetate	10.841	43	73708	23.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	55669	23.611	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	45131m	23.493	ug/l	
77) Bromobenzene	11.195	156	44053	21.692	ug/l	79
78) n-propylbenzene	11.305	91	163314	21.610	ug/l	97
79) 2-Chlorotoluene	11.366	91	106406	21.849	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	127710	21.772	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	14185	20.113	ug/l	98
82) 4-Chlorotoluene	11.457	91	116888	21.141	ug/l	92
83) tert-Butylbenzene	11.713	119	139627	22.229	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	129169	21.885	ug/l	94
85) sec-Butylbenzene	11.890	105	158073	21.959	ug/l	95
86) p-Isopropyltoluene	12.006	119	136865	21.170	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	76822	20.811	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	77945	20.495	ug/l	95
89) n-Butylbenzene	12.335	91	105241	20.244	ug/l	97
90) Hexachloroethane	12.536	117	22487	20.799	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	81526	20.910	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12242	22.469	ug/l	62
93) 1,2,4-Trichlorobenzene	13.591	180	52589	19.296	ug/l	95
94) Hexachlorobutadiene	13.725	225	25812	18.966	ug/l	99
95) Naphthalene	13.774	128	178301	22.077	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56147	20.158	ug/l	95

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

