

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041621.D
 Acq On : 23 May 2024 12:16
 Operator : JC/MD
 Sample : VX0523WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS03

Quant Time: May 24 05:49:13 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	190524	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	269045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	127154	61.305	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 122.620%#			
35) Dibromofluoromethane	5.379	113	104046	57.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.140%			
50) Toluene-d8	8.647	98	356870	61.842	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 123.680%#			
62) 4-Bromofluorobenzene	11.079	95	140928	63.087	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 126.180%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	28985	18.514	ug/l	97
3) Chloromethane	1.301	50	27823	17.175	ug/l	98
4) Vinyl Chloride	1.374	62	29320	18.986	ug/l	97
5) Bromomethane	1.593	94	18491	19.100	ug/l	97
6) Chloroethane	1.660	64	17135	23.897	ug/l	97
7) Trichlorofluoromethane	1.868	101	54602	20.504	ug/l	98
8) Diethyl Ether	2.136	74	20742	22.099	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	31412	20.988	ug/l	89
10) Methyl Iodide	2.441	142	33635	20.880	ug/l	90
11) Tert butyl alcohol	2.995	59	38401	92.501	ug/l	# 92
12) 1,1-Dichloroethene	2.307	96	27351	18.525	ug/l	90
13) Acrolein	2.239	56	45176	137.172	ug/l	99
14) Allyl chloride	2.654	41	48276	19.462	ug/l	99
15) Acrylonitrile	3.069	53	97510	102.916	ug/l	99
16) Acetone	2.392	43	106726	114.733	ug/l	95
17) Carbon Disulfide	2.502	76	46739	13.467	ug/l	99
18) Methyl Acetate	2.709	43	48963	23.073	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	105727	19.644	ug/l	98
20) Methylene Chloride	2.782	84	34313	19.056	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	28150	17.061	ug/l	89
22) Diisopropyl ether	3.764	45	105739	20.114	ug/l	92
23) Vinyl Acetate	3.721	43	461410	98.120	ug/l	97
24) 1,1-Dichloroethane	3.605	63	56928	19.168	ug/l	97
25) 2-Butanone	4.568	43	147271	109.705	ug/l	99
26) 2,2-Dichloropropane	4.471	77	47058	18.951	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	37092	18.987	ug/l	92
28) Bromochloromethane	4.898	49	21653	20.429	ug/l	# 81
29) Tetrahydrofuran	5.013	42	89556	102.007	ug/l	98
30) Chloroform	5.093	83	62267	20.152	ug/l	99
31) Cyclohexane	5.458	56	42257	16.881	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	53177	18.917	ug/l	98
36) 1,1-Dichloropropene	5.690	75	37900	17.384	ug/l	98
37) Ethyl Acetate	4.721	43	53488	19.663	ug/l	99
38) Carbon Tetrachloride	5.666	117	44841	17.954	ug/l	95
39) Methylcyclohexane	7.379	83	45672	17.832	ug/l	93
40) Benzene	6.031	78	123290	18.344	ug/l	97

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41) Methacrylonitrile	4.928	41	29395	20.995	ug/l	97
42) 1,2-Dichloroethane	6.086	62	47549	19.305	ug/l	97
43) Isopropyl Acetate	6.342	43	80736	19.740	ug/l	99
44) Trichloroethene	7.123	130	33548	18.903	ug/l	95
45) 1,2-Dichloropropane	7.428	63	30937	20.602	ug/l	99
46) Dibromomethane	7.580	93	23722	19.844	ug/l #	81
47) Bromodichloromethane	7.824	83	44420	20.853	ug/l	97
48) Methyl methacrylate	7.696	41	39832	21.245	ug/l	95
49) 1,4-Dioxane	7.665	88	16062	396.236	ug/l #	74
51) 4-Methyl-2-Pentanone	8.574	43	290185	118.238	ug/l	100
52) Toluene	8.720	92	78996	19.214	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	42411	18.732	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	46917	20.034	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	34789	21.972	ug/l	98
56) Ethyl methacrylate	9.116	69	52948	21.608	ug/l	98
57) 1,3-Dichloropropane	9.305	76	56304	21.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	153902	129.533	ug/l	94
59) 2-Hexanone	9.433	43	226936	115.636	ug/l	99
60) Dibromochloromethane	9.519	129	37982	20.377	ug/l	97
61) 1,2-Dibromoethane	9.610	107	36223	20.796	ug/l	99
64) Tetrachloroethene	9.269	164	32086	17.932	ug/l	92
65) Chlorobenzene	10.080	112	95257	18.990	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	34460	19.443	ug/l	98
67) Ethyl Benzene	10.195	91	153992	18.607	ug/l	99
68) m/p-Xylenes	10.299	106	120998	36.510	ug/l	96
69) o-Xylene	10.640	106	62104	19.571	ug/l	92
70) Styrene	10.653	104	102815	19.746	ug/l	96
71) Bromoform	10.799	173	29922	18.864	ug/l #	100
73) Isopropylbenzene	10.964	105	161696	18.947	ug/l	97
74) N-amyl acetate	10.842	43	71982	19.306	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	57940	20.719	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	47427m	20.815	ug/l	
77) Bromobenzene	11.195	156	46129	19.151	ug/l	80
78) n-propylbenzene	11.305	91	176069	19.643	ug/l	97
79) 2-Chlorotoluene	11.366	91	111653	19.330	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	134551	19.340	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15184	18.152	ug/l	98
82) 4-Chlorotoluene	11.451	91	127314	19.415	ug/l	93
83) tert-Butylbenzene	11.713	119	146559	19.672	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	135944	19.420	ug/l	94
85) sec-Butylbenzene	11.890	105	170405	19.959	ug/l	95
86) p-Isopropyltoluene	12.006	119	148778	19.403	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	82610	18.869	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	84219	18.671	ug/l	96
89) n-Butylbenzene	12.329	91	115080	18.664	ug/l	97
90) Hexachloroethane	12.536	117	23689	18.474	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	85269	18.439	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12419	19.218	ug/l	66
93) 1,2,4-Trichlorobenzene	13.585	180	56543	17.493	ug/l	96
94) Hexachlorobutadiene	13.725	225	28144	17.436	ug/l	99
95) Naphthalene	13.774	128	176305	18.405	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59545	18.024	ug/l	95

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

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