

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041620.D
 Acq On : 23 May 2024 11:46
 Operator : JC/MD
 Sample : VX0523WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS02

Quant Time: May 24 05:48:23 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	156019	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	223985	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96117	56.590	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.180%			
35) Dibromofluoromethane	5.385	113	78400	51.651	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.300%			
50) Toluene-d8	8.647	98	267182	55.614	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.220%			
62) 4-Bromofluorobenzene	11.079	95	102472	55.100	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	26021	20.297	ug/l	100
3) Chloromethane	1.301	50	26249	19.787	ug/l	99
4) Vinyl Chloride	1.374	62	27879	22.045	ug/l	100
5) Bromomethane	1.599	94	16978	21.416	ug/l	96
6) Chloroethane	1.666	64	16748	28.523	ug/l	98
7) Trichlorofluoromethane	1.868	101	49749	22.813	ug/l	99
8) Diethyl Ether	2.136	74	18866	24.545	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	27361	22.324	ug/l	87
10) Methyl Iodide	2.441	142	30243	22.927	ug/l	91
11) Tert butyl alcohol	3.002	59	36037	106.005	ug/l	# 91
12) 1,1-Dichloroethene	2.307	96	25363	20.978	ug/l	89
13) Acrolein	2.240	56	48841	181.098	ug/l	99
14) Allyl chloride	2.660	41	44031	21.677	ug/l	98
15) Acrylonitrile	3.069	53	90885	117.138	ug/l	99
16) Acetone	2.392	43	96183	126.666	ug/l	99
17) Carbon Disulfide	2.502	76	41678	14.665	ug/l	98
18) Methyl Acetate	2.709	43	46894	26.986	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	96545	21.905	ug/l	100
20) Methylene Chloride	2.782	84	31016	21.035	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	25975	19.224	ug/l	88
22) Diisopropyl ether	3.764	45	96627	22.446	ug/l	97
23) Vinyl Acetate	3.721	43	420905	109.302	ug/l	97
24) 1,1-Dichloroethane	3.605	63	52474	21.576	ug/l	98
25) 2-Butanone	4.568	43	132855	120.854	ug/l	96
26) 2,2-Dichloropropane	4.471	77	42693	20.996	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	34166	21.357	ug/l	91
28) Bromochloromethane	4.904	49	17960	20.692	ug/l	# 75
29) Tetrahydrofuran	5.019	42	82665	114.982	ug/l	96
30) Chloroform	5.093	83	57694	22.802	ug/l	98
31) Cyclohexane	5.465	56	38676	18.867	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	48544	21.088	ug/l	99
36) 1,1-Dichloropropene	5.696	75	33773	18.608	ug/l	95
37) Ethyl Acetate	4.727	43	47457	20.955	ug/l	99
38) Carbon Tetrachloride	5.672	117	40946	19.693	ug/l	96
39) Methylcyclohexane	7.379	83	39875	18.700	ug/l	90
40) Benzene	6.038	78	113064	20.207	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26243	22.515	ug/l	95
42) 1,2-Dichloroethane	6.086	62	44514	21.708	ug/l	96
43) Isopropyl Acetate	6.349	43	73964	21.722	ug/l	98
44) Trichloroethene	7.129	130	30216	20.451	ug/l	84
45) 1,2-Dichloropropane	7.434	63	28392	22.711	ug/l	98
46) Dibromomethane	7.580	93	21620	21.725	ug/l #	79
47) Bromodichloromethane	7.824	83	40884	23.054	ug/l	99
48) Methyl methacrylate	7.696	41	36210	23.198	ug/l	95
49) 1,4-Dioxane	7.671	88	15439	457.488	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	262199	128.327	ug/l	99
52) Toluene	8.720	92	72780	21.264	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	38408	20.162	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	41582	21.328	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	31937	24.229	ug/l	96
56) Ethyl methacrylate	9.116	69	49036	24.037	ug/l	99
57) 1,3-Dichloropropane	9.311	76	51407	23.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	126316	127.703	ug/l	95
59) 2-Hexanone	9.433	43	205775	125.948	ug/l	99
60) Dibromochloromethane	9.519	129	34255	22.075	ug/l	99
61) 1,2-Dibromoethane	9.610	107	32446	22.374	ug/l	99
64) Tetrachloroethene	9.275	164	29408	19.596	ug/l	88
65) Chlorobenzene	10.080	112	87290	20.748	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	31984	21.516	ug/l	99
67) Ethyl Benzene	10.195	91	139743	20.133	ug/l	98
68) m/p-Xylenes	10.299	106	111183	40.000	ug/l	93
69) o-Xylene	10.640	106	56477	21.221	ug/l	94
70) Styrene	10.659	104	94118	21.551	ug/l	96
71) Bromoform	10.799	173	27196	20.443	ug/l #	100
73) Isopropylbenzene	10.964	105	144358	20.962	ug/l	97
74) N-amyl acetate	10.842	43	65869	21.893	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	53599	23.752	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42884m	23.325	ug/l	
77) Bromobenzene	11.201	156	41434	21.318	ug/l	79
78) n-propylbenzene	11.305	91	155525	21.502	ug/l	96
79) 2-Chlorotoluene	11.366	91	99703	21.391	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	120369	21.441	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	13330	19.749	ug/l	94
82) 4-Chlorotoluene	11.457	91	112974	21.350	ug/l	92
83) tert-Butylbenzene	11.713	119	134401	22.357	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	120563	21.343	ug/l	95
85) sec-Butylbenzene	11.890	105	150003	21.773	ug/l	96
86) p-Isopropyltoluene	12.006	119	129635	20.951	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	73491	20.802	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	74820	20.556	ug/l	95
89) n-Butylbenzene	12.335	91	99230	19.944	ug/l	97
90) Hexachloroethane	12.536	117	20834	20.134	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	77730	20.830	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10986	21.068	ug/l	64
93) 1,2,4-Trichlorobenzene	13.585	180	50100	19.208	ug/l	95
94) Hexachlorobutadiene	13.725	225	24779	19.024	ug/l	98
95) Naphthalene	13.774	128	157811	20.416	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	53283	19.988	ug/l	96

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

