

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035933.D
 Acq On : 31 May 2023 14:01
 Operator : JC/MD
 Sample : VX0531WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

Quant Time: May 31 17:08:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	212368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	373664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154378	44.766	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.540%		
35) Dibromofluoromethane	5.385	113	113517	45.168	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.340%		
50) Toluene-d8	8.647	98	422552	46.847	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.700%		
62) 4-Bromofluorobenzene	11.079	95	168263	47.256	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	46809	20.174	ug/l	98
3) Chloromethane	1.294	50	48914	18.444	ug/l	98
4) Vinyl Chloride	1.373	62	45744	18.362	ug/l	97
5) Bromomethane	1.611	94	29386	17.910	ug/l	92
6) Chloroethane	1.690	64	27523	18.763	ug/l	97
7) Trichlorofluoromethane	1.886	101	69497	19.825	ug/l	98
8) Diethyl Ether	2.129	74	27614	18.138	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	42062	19.333	ug/l	99
10) Methyl Iodide	2.453	142	42470	16.583	ug/l	97
11) Tert butyl alcohol	3.019	59	60904	99.446	ug/l	98
12) 1,1-Dichloroethene	2.318	96	39782	18.672	ug/l	97
13) Acrolein	2.239	56	53660	90.960	ug/l	98
14) Allyl chloride	2.666	41	82117	18.750	ug/l	99
15) Acrylonitrile	3.068	53	136211	94.661	ug/l	99
16) Acetone	2.398	43	144672	101.687	ug/l	100
17) Carbon Disulfide	2.513	76	95063	17.807	ug/l	99
18) Methyl Acetate	2.702	43	105034	18.990	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	164234	19.679	ug/l	98
20) Methylene Chloride	2.788	84	48174	17.578	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	43571	17.890	ug/l	97
22) Diisopropyl ether	3.757	45	167466	19.658	ug/l	97
23) Vinyl Acetate	3.721	43	599898	100.231	ug/l	99
24) 1,1-Dichloroethane	3.605	63	88571	18.746	ug/l	99
25) 2-Butanone	4.562	43	205053	100.698	ug/l	100
26) 2,2-Dichloropropane	4.470	77	72648	20.172	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	52842	18.078	ug/l	100
28) Bromochloromethane	4.897	49	49378	19.957	ug/l	100
29) Tetrahydrofuran	5.013	42	129471	98.665	ug/l	99
30) Chloroform	5.092	83	95243	19.571	ug/l	99
31) Cyclohexane	5.464	56	71609	19.833	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	75657	18.397	ug/l	99
36) 1,1-Dichloropropene	5.690	75	63486	18.945	ug/l	98
37) Ethyl Acetate	4.714	43	74753	20.031	ug/l	99
38) Carbon Tetrachloride	5.671	117	62929	19.270	ug/l	98
39) Methylcyclohexane	7.378	83	72163	20.640	ug/l	97
40) Benzene	6.037	78	191892	19.080	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42111	19.891	ug/l	96
42) 1,2-Dichloroethane	6.086	62	76425	19.189	ug/l	97
43) Isopropyl Acetate	6.336	43	118757	19.353	ug/l	99
44) Trichloroethene	7.122	130	49629	19.022	ug/l	99
45) 1,2-Dichloropropane	7.427	63	50835	19.204	ug/l	99
46) Dibromomethane	7.580	93	35052	19.062	ug/l	98
47) Bromodichloromethane	7.817	83	65438	18.919	ug/l	99
48) Methyl methacrylate	7.695	41	58692	19.504	ug/l	95
49) 1,4-Dioxane	7.726	88	27709	402.044	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	375876	100.349	ug/l	98
52) Toluene	8.714	92	122799	19.421	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	69657	19.051	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	78598	19.466	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	50681	19.238	ug/l	97
56) Ethyl methacrylate	9.116	69	77411	19.655	ug/l	95
57) 1,3-Dichloropropane	9.305	76	86723	19.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	200556	97.183	ug/l	97
59) 2-Hexanone	9.427	43	288989	104.357	ug/l	98
60) Dibromochloromethane	9.518	129	48263	18.872	ug/l	99
61) 1,2-Dibromoethane	9.610	107	52835	19.618	ug/l	100
64) Tetrachloroethene	9.274	164	40894	19.386	ug/l	95
65) Chlorobenzene	10.079	112	132032	19.493	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	45862	19.251	ug/l	99
67) Ethyl Benzene	10.195	91	232958	19.325	ug/l	99
68) m/p-Xylenes	10.299	106	180231	39.409	ug/l	96
69) o-Xylene	10.640	106	89058	19.379	ug/l	97
70) Styrene	10.652	104	147207	19.824	ug/l	99
71) Bromoform	10.799	173	30558	18.521	ug/l #	100
73) Isopropylbenzene	10.963	105	229221	19.476	ug/l	99
74) N-amyl acetate	10.841	43	100007	19.495	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	77157	19.165	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	72328m	19.800	ug/l	
77) Bromobenzene	11.195	156	54497	18.724	ug/l	95
78) n-propylbenzene	11.305	91	262342	19.749	ug/l	98
79) 2-Chlorotoluene	11.366	91	167359	19.346	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	193540	19.504	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20058	18.495	ug/l	97
82) 4-Chlorotoluene	11.457	91	190886	19.224	ug/l	98
83) tert-Butylbenzene	11.713	119	184689	19.482	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	197377	19.382	ug/l	99
85) sec-Butylbenzene	11.890	105	226560	20.149	ug/l	99
86) p-Isopropyltoluene	12.006	119	193338	20.111	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	103543	19.421	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	104138	18.542	ug/l	99
89) n-Butylbenzene	12.335	91	160614	19.775	ug/l	99
90) Hexachloroethane	12.536	117	28251	18.532	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	103688	19.537	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	16817	20.241	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	62199	20.138	ug/l	97
94) Hexachlorobutadiene	13.725	225	22821	19.424	ug/l	99
95) Naphthalene	13.774	128	220484	20.510	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59116	19.404	ug/l	98

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

