

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035898.D
 Acq On : 30 May 2023 12:04
 Operator : JC/MD
 Sample : VX0530WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/31/2023

Quant Time: May 30 16:30:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	215497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	374906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	177827	46.436	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.880%		
35) Dibromofluoromethane	5.385	113	123870	48.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.200%		
50) Toluene-d8	8.647	98	456463	48.297	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.600%		
62) 4-Bromofluorobenzene	11.079	95	185607	49.845	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55253	19.280	ug/l	98
3) Chloromethane	1.294	50	53736	18.185	ug/l	98
4) Vinyl Chloride	1.374	62	53333	18.790	ug/l	100
5) Bromomethane	1.618	94	31500	18.519	ug/l	99
6) Chloroethane	1.691	64	31774	20.034	ug/l	98
7) Trichlorofluoromethane	1.886	101	80188	18.826	ug/l	99
8) Diethyl Ether	2.130	74	29844	19.079	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	49698	19.685	ug/l	98
10) Methyl Iodide	2.453	142	45626	17.815	ug/l	99
11) Tert butyl alcohol	3.001	59	62991	94.457	ug/l	96
12) 1,1-Dichloroethene	2.319	96	44502	18.806	ug/l	100
13) Acrolein	2.239	56	66055	99.884	ug/l	99
14) Allyl chloride	2.660	41	88519	18.935	ug/l	98
15) Acrylonitrile	3.062	53	137909	90.407	ug/l	99
16) Acetone	2.392	43	153860	99.519	ug/l	100
17) Carbon Disulfide	2.514	76	105322	19.216	ug/l	98
18) Methyl Acetate	2.703	43	109386	18.324	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	171655	18.814	ug/l	99
20) Methylene Chloride	2.788	84	52276	18.010	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	48741	18.684	ug/l	97
22) Diisopropyl ether	3.757	45	178990	19.067	ug/l	95
23) Vinyl Acetate	3.721	43	627319	95.929	ug/l	98
24) 1,1-Dichloroethane	3.605	63	96016	18.534	ug/l	98
25) 2-Butanone	4.562	43	212268	94.919	ug/l	98
26) 2,2-Dichloropropane	4.471	77	79409	19.877	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	57161	18.837	ug/l	99
28) Bromochloromethane	4.897	49	51161	20.379	ug/l	98
29) Tetrahydrofuran	5.013	42	133521	92.285	ug/l	99
30) Chloroform	5.086	83	100713	18.950	ug/l	99
31) Cyclohexane	5.464	56	84936	18.674	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	87502	19.054	ug/l	99
36) 1,1-Dichloropropene	5.690	75	74362	19.016	ug/l	99
37) Ethyl Acetate	4.715	43	78109	18.452	ug/l	99
38) Carbon Tetrachloride	5.672	117	72455	19.659	ug/l	97
39) Methylcyclohexane	7.379	83	86488	19.384	ug/l	95
40) Benzene	6.037	78	209264	19.106	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45692	18.962	ug/l	99
42) 1,2-Dichloroethane	6.086	62	90635	19.591	ug/l	100
43) Isopropyl Acetate	6.336	43	125974	18.571	ug/l	100
44) Trichloroethene	7.123	130	52992	19.423	ug/l	96
45) 1,2-Dichloropropane	7.427	63	54737	18.951	ug/l	99
46) Dibromomethane	7.580	93	37888	19.104	ug/l	100
47) Bromodichloromethane	7.818	83	73348	19.842	ug/l	96
48) Methyl methacrylate	7.690	41	64644	18.565	ug/l	99
49) 1,4-Dioxane	7.720	88	28387	382.018	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	404461	95.784	ug/l	99
52) Toluene	8.714	92	130784	19.013	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	76330	19.996	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	83357	20.006	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	53090	19.468	ug/l	98
56) Ethyl methacrylate	9.116	69	81973	19.091	ug/l	97
57) 1,3-Dichloropropane	9.305	76	94250	19.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	210708	92.750	ug/l	100
59) 2-Hexanone	9.427	43	310011	97.133	ug/l	99
60) Dibromochloromethane	9.519	129	50469	20.226	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54996	19.151	ug/l	99
64) Tetrachloroethene	9.275	164	44055	19.431	ug/l	97
65) Chlorobenzene	10.079	112	138514	19.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	49068	20.057	ug/l	98
67) Ethyl Benzene	10.195	91	256864	19.415	ug/l	99
68) m/p-Xylenes	10.299	106	198149	40.481	ug/l	97
69) o-Xylene	10.640	106	94729	19.480	ug/l	100
70) Styrene	10.652	104	156830	19.632	ug/l	99
71) Bromoform	10.799	173	32542	20.573	ug/l #	99
73) Isopropylbenzene	10.963	105	253003	19.324	ug/l	99
74) N-amyl acetate	10.841	43	107482	18.875	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	82554	19.291	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	70681m	17.545	ug/l	
77) Bromobenzene	11.195	156	56690	19.196	ug/l	99
78) n-propylbenzene	11.305	91	301968	19.788	ug/l	100
79) 2-Chlorotoluene	11.366	91	185038	19.127	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	219005	19.633	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20945	21.318	ug/l	97
82) 4-Chlorotoluene	11.451	91	214719	19.505	ug/l	100
83) tert-Butylbenzene	11.713	119	205249	19.167	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	218389	19.549	ug/l	98
85) sec-Butylbenzene	11.890	105	266464	19.911	ug/l	100
86) p-Isopropyltoluene	12.006	119	221791	19.821	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	108467	19.243	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	110100	18.961	ug/l	99
89) n-Butylbenzene	12.329	91	197450	20.075	ug/l	98
90) Hexachloroethane	12.536	117	32120	19.841	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	109548	19.676	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18350	20.490	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	65184	19.912	ug/l	100
94) Hexachlorobutadiene	13.725	225	26744	20.375	ug/l	98
95) Naphthalene	13.774	128	225176	19.799	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63461	19.453	ug/l	99

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

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