

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035655.D
 Acq On : 15 May 2023 11:07
 Operator : JC/MD
 Sample : VX0515WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

Quant Time: May 16 04:55:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	220866	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	405120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	166466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201577	52.316	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.640%			
35) Dibromofluoromethane	5.385	113	139516	51.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.140%			
50) Toluene-d8	8.647	98	497768	49.318	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.640%			
62) 4-Bromofluorobenzene	11.079	95	201940	49.691	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	44592	15.492	ug/l	94
3) Chloromethane	1.294	50	54356	15.561	ug/l	100
4) Vinyl Chloride	1.374	62	49400	16.664	ug/l	99
5) Bromomethane	1.617	94	31586	19.673	ug/l	95
6) Chloroethane	1.691	64	32626	18.141	ug/l	98
7) Trichlorofluoromethane	1.886	101	68859	15.797	ug/l	97
8) Diethyl Ether	2.136	74	32318	19.256	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	40768	15.753	ug/l	94
10) Methyl Iodide	2.453	142	43547	18.814	ug/l	90
11) Tert butyl alcohol	3.032	59	63308m	93.129	ug/l	
12) 1,1-Dichloroethene	2.325	96	41032	16.682	ug/l	97
13) Acrolein	2.245	56	88773	110.028	ug/l	100
14) Allyl chloride	2.666	41	92069	17.473	ug/l	93
15) Acrylonitrile	3.074	53	141448	94.493	ug/l	97
16) Acetone	2.398	43	157459	95.081	ug/l	92
17) Carbon Disulfide	2.514	76	92259	15.542	ug/l	99
18) Methyl Acetate	2.709	43	117988	19.319	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	184225	18.822	ug/l	99
20) Methylene Chloride	2.788	84	54135	18.037	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	47264	17.537	ug/l	92
22) Diisopropyl ether	3.757	45	192427	18.651	ug/l	100
23) Vinyl Acetate	3.721	43	689426	94.442	ug/l	97
24) 1,1-Dichloroethane	3.611	63	100768	18.262	ug/l	96
25) 2-Butanone	4.568	43	215846	94.154	ug/l	98
26) 2,2-Dichloropropane	4.471	77	82833	17.727	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	58771	18.140	ug/l	95
28) Bromochloromethane	4.897	49	53902	21.718	ug/l	94
29) Tetrahydrofuran	5.013	42	134819	93.565	ug/l	99
30) Chloroform	5.092	83	104627	18.504	ug/l	99
31) Cyclohexane	5.470	56	76365	15.687	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	85613	17.403	ug/l	98
36) 1,1-Dichloropropene	5.690	75	72122	16.724	ug/l	96
37) Ethyl Acetate	4.714	43	81368	18.089	ug/l	99
38) Carbon Tetrachloride	5.678	117	66652	16.315	ug/l	99
39) Methylcyclohexane	7.379	83	74665	14.708	ug/l	93
40) Benzene	6.037	78	213428	17.691	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47489	17.781	ug/l	96
42) 1,2-Dichloroethane	6.086	62	93341	17.986	ug/l	97
43) Isopropyl Acetate	6.342	43	139427	17.776	ug/l	99
44) Trichloroethene	7.123	130	51299	16.770	ug/l	97
45) 1,2-Dichloropropane	7.427	63	57857	18.107	ug/l	99
46) Dibromomethane	7.580	93	39432	18.029	ug/l	95
47) Bromodichloromethane	7.818	83	73994	17.503	ug/l	98
48) Methyl methacrylate	7.689	41	69032	17.833	ug/l	96
49) 1,4-Dioxane	7.738	88	27311	329.063	ug/l #	77
51) 4-Methyl-2-Pentanone	8.573	43	422451	93.487	ug/l	99
52) Toluene	8.720	92	132669	17.421	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	81829	17.817	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	87664	17.815	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	54990	18.384	ug/l	98
56) Ethyl methacrylate	9.116	69	86906	17.941	ug/l	96
57) 1,3-Dichloropropane	9.305	76	97804	18.037	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	248344	100.783	ug/l	99
59) 2-Hexanone	9.427	43	321031	94.335	ug/l	98
60) Dibromochloromethane	9.518	129	50563	17.734	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56846	18.038	ug/l	99
64) Tetrachloroethene	9.275	164	40109	16.432	ug/l	92
65) Chlorobenzene	10.079	112	136800	17.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	50315	17.980	ug/l	98
67) Ethyl Benzene	10.195	91	258121	17.342	ug/l	97
68) m/p-Xylenes	10.299	106	188034	34.177	ug/l	93
69) o-Xylene	10.640	106	93150	17.062	ug/l	92
70) Styrene	10.652	104	153479	17.443	ug/l	97
71) Bromoform	10.799	173	30434	16.529	ug/l #	100
73) Isopropylbenzene	10.963	105	241823	17.239	ug/l	98
74) N-amyl acetate	10.841	43	114931	17.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	82389	18.106	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71100m	17.462	ug/l	
77) Bromobenzene	11.195	156	54179	17.017	ug/l	89
78) n-propylbenzene	11.305	91	282372	17.125	ug/l	97
79) 2-Chlorotoluene	11.366	91	178711	17.311	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	205947	17.274	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20796	16.460	ug/l #	79
82) 4-Chlorotoluene	11.451	91	207224	17.429	ug/l	98
83) tert-Butylbenzene	11.713	119	197794	17.068	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	208956	17.455	ug/l	96
85) sec-Butylbenzene	11.890	105	238411	16.385	ug/l	97
86) p-Isopropyltoluene	12.006	119	199815	16.704	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	102691	16.979	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	108149	17.708	ug/l	98
89) n-Butylbenzene	12.329	91	171547	15.764	ug/l	98
90) Hexachloroethane	12.536	117	29429	16.231	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	103341	17.448	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17917	17.682	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	58537	16.414	ug/l	96
94) Hexachlorobutadiene	13.725	225	21185	14.967	ug/l	97
95) Naphthalene	13.774	128	216885	17.759	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59935	17.089	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

Abundance

TIC: VX035655.D\data.ms

Time-->

1,1,1-Trichloroethane, T
1,1,2-Trichloroethane, T
1,2-Dichloroethane, T
1,2,3-Trichloroethane, T
1,2,4-Trichloroethane, T
1,2,5-Trichloroethane, T
1,2,6-Trichloroethane, T
1,2,7-Trichloroethane, T
1,2,8-Trichloroethane, T
1,2,9-Trichloroethane, T
1,2,10-Trichloroethane, T
1,2,11-Trichloroethane, T
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1,300-Trichloroethane, T