

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016058.D
 Acq On : 14 May 2020 09:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: May 15 06:22:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 14:00:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	158489	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157303	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	44672	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.58	69	42355	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.12	63	90123	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.96	46	128673	52.46	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.92%
24) Chloroform-d	4.37	84	92115	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.06	65	53810	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.07	84	183863	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.09	67	56515	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.33	98	173995	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
45) trans-1,3-Dichloropropene-	7.64	79	21479	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
48) 2-Hexanone-d5	8.11	63	100259	50.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.80%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42257	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	60892	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	52865	4.353 ug/L	98
3) Chloromethane	1.25	50	54618	4.442 ug/L	100
5) Vinyl chloride	1.32	62	51421	4.373 ug/L	98
6) Bromomethane	1.53	94	30592	4.585 ug/L	99
8) Chloroethane	1.60	64	32095	3.831 ug/L	95
9) Trichlorofluoromethane	1.76	101	71718	4.447 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	41717	4.580 ug/L	98
12) 1,1-Dichloroethene	2.13	96	38312	4.393 ug/L	94
13) Acetone	2.25	43	71916	44.450 ug/L	96
14) Carbon disulfide	2.31	76	122804	4.265 ug/L	98
15) Methyl Acetate	2.47	43	17583	4.703 ug/L	97
16) Methylene chloride	2.52	84	49476	4.741 ug/L	97
17) Methyl tert-butyl Ether	2.79	73	99102	4.373 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	44452	4.612 ug/L	100
19) 1,1-Dichloroethane	3.21	63	84534	4.553 ug/L	99
21) 2-Butanone	4.04	43	110527	44.858 ug/L	81
22) cis-1,2-Dichloroethene	3.94	96	43750	4.336 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	18750	4.354	ug/L	98
25) Chloroform	4.40	83	94977	4.645	ug/L	97
27) 1,2-Dichloroethane	5.16	62	55860	4.447	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	76052	4.384	ug/L	99
30) Cyclohexane	4.70	56	75059	4.318	ug/L	98
31) Carbon tetrachloride	4.85	117	65349	4.365	ug/L	98
33) Benzene	5.12	78	180560	4.562	ug/L	100
34) Trichloroethene	5.94	95	47723	4.225	ug/L	94
35) Methylcyclohexane	6.15	83	75867	4.440	ug/L	98
37) 1,2-Dichloropropane	6.20	63	45735	4.549	ug/L	99
38) Bromodichloromethane	6.53	83	57141	4.475	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	62226	4.379	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	283669	45.264	ug/L	100
42) Toluene	7.41	91	196012	4.673	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	173330	4.501	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	173309	4.503	ug/L #	100
46) trans-1,3-Dichloropropene	7.67	75	52804	4.399	ug/L	94
47) 1,1,2-Trichloroethane	7.86	97	29906	4.454	ug/L	99
49) Tetrachloroethene	8.00	164	36578	4.641	ug/L	98
50) 2-Hexanone	8.16	43	207193	46.751	ug/L	98
51) Dibromochloromethane	8.27	129	33434	4.431	ug/L	99
52) 1,2-Dibromoethane	8.37	107	27719	4.451	ug/L	100
53) Chlorobenzene	8.90	112	122328	4.534	ug/L	97
54) Ethylbenzene	9.03	91	217183	4.553	ug/L	100
55) m,p-xylene	9.16	106	82215	4.655	ug/L	99
56) o-xylene	9.56	106	78269	4.635	ug/L	98
57) Styrene	9.58	104	132133	4.678	ug/L	99
58) Isopropylbenzene	9.95	105	212968	4.591	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	36235	5.050	ug/L	100
62) Bromoform	9.75	173	16148	4.401	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	97836	4.547	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	96733	4.475	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	88658	4.553	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.45	75	6146	4.836	ug/L	86
68) 1,3,5-Trichlorobenzene	12.67	180	68934	4.382	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	56426	4.175	ug/L	99
70) Naphthalene	13.53	128	91757	4.268	ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	52575	4.409	ug/L	95

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

