

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016056.D
 Acq On : 13 May 2020 21:31
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: May 14 02:33:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	156797	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	153226	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78426	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45628	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	1.58	69	42215	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.13	63	90363	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.80%
20) 2-Butanone-d5	3.94	46	123398	50.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.72%
24) Chloroform-d	4.38	84	88569	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.06	65	50277	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.08	84	179981	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.10	67	55260	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.34	98	171074	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
45) trans-1,3-Dichloropropene-	7.64	79	20053	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
48) 2-Hexanone-d5	8.11	63	93732	48.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.70%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40115	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	59503	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	54558	4.541	ug/L 97
3) Chloromethane	1.25	50	57293	4.710	ug/L 99
5) Vinyl chloride	1.32	62	55286	4.753	ug/L 98
6) Bromomethane	1.53	94	32774	4.965	ug/L 96
8) Chloroethane	1.60	64	38447	4.639	ug/L 99
9) Trichlorofluoromethane	1.77	101	74873	4.693	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	42588	4.726	ug/L 98
12) 1,1-Dichloroethene	2.14	96	39956	4.631	ug/L 94
13) Acetone	2.22	43	74998	46.855	ug/L 69
14) Carbon disulfide	2.31	76	129213	4.536	ug/L 99
15) Methyl Acetate	2.46	43	18853	5.097	ug/L 96
16) Methylene chloride	2.53	84	48970	4.743	ug/L 96
17) Methyl tert-butyl Ether	2.79	73	103869	4.633	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	46082	4.832	ug/L 99
19) 1,1-Dichloroethane	3.22	63	89174	4.855	ug/L 97
21) 2-Butanone	4.02	43	117421	48.170	ug/L 97
22) cis-1,2-Dichloroethene	3.94	96	47639	4.772	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	20536	4.820	ug/L	94
25) Chloroform	4.41	83	96830	4.787	ug/L	100
27) 1,2-Dichloroethane	5.16	62	56434	4.541	ug/L	98
29) 1,1,1-Trichloroethane	4.64	97	81289	4.811	ug/L	99
30) Cyclohexane	4.71	56	79410	4.690	ug/L	98
31) Carbon tetrachloride	4.86	117	67848	4.653	ug/L	100
33) Benzene	5.13	78	190176	4.933	ug/L	100
34) Trichloroethene	5.94	95	49023	4.455	ug/L	100
35) Methylcyclohexane	6.16	83	76518	4.597	ug/L	98
37) 1,2-Dichloropropane	6.20	63	48842	4.987	ug/L	99
38) Bromodichloromethane	6.53	83	58632	4.714	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	63134	4.561	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	300228	49.181	ug/L	100
42) Toluene	7.41	91	206557	5.055	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	185872	4.955	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	184239	4.915	ug/L #	100
46) trans-1,3-Dichloropropene	7.67	75	54334	4.647	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	31497	4.816	ug/L	98
49) Tetrachloroethene	8.00	164	38020	4.952	ug/L	99
50) 2-Hexanone	8.16	43	215313	49.875	ug/L	99
51) Dibromochloromethane	8.27	129	34386	4.679	ug/L	98
52) 1,2-Dibromoethane	8.37	107	29455	4.856	ug/L	96
53) Chlorobenzene	8.90	112	130511	4.966	ug/L	99
54) Ethylbenzene	9.03	91	231182	4.975	ug/L	99
55) m,p-xylene	9.16	106	86064	5.002	ug/L	98
56) o-xylene	9.57	106	83142	5.055	ug/L	97
57) Styrene	9.58	104	143022	5.198	ug/L	98
58) Isopropylbenzene	9.95	105	224857	4.976	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	37692	5.393	ug/L	96
62) Bromoform	9.75	173	15763	4.375	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	102976	4.874	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	103105	4.857	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	93789	4.904	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	6187	4.957	ug/L	98
68) 1,3,5-Trichlorobenzene	12.67	180	70637	4.572	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	58919	4.439	ug/L	99
70) Naphthalene	13.53	128	97444	4.616	ug/L	99
71) 1,2,3-Trichlorobenzene	13.76	180	54065	4.617	ug/L	98

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

