

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051920\
 Data File : VV016122.D
 Acq On : 19 May 2020 15:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00550

Quant Time: May 20 01:23:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 20 01:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	173092	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	171788	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	88761	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36080	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.58	69	38280	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.12	63	81354	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.96	46	137650	51.39	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.78%
24) Chloroform-d	4.37	84	83899	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.06	65	53051	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.07	84	174801	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.09	67	55899	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.33	98	163040	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
45) trans-1,3-Dichloropropene-	7.64	79	20832	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
48) 2-Hexanone-d5	8.12	63	104131	48.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.82%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42570	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	61782	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	53927	4.066	ug/L	98
3) Chloromethane	1.25	50	56511	4.208	ug/L	98
5) Vinyl chloride	1.32	62	55409	4.315	ug/L	98
6) Bromomethane	1.53	94	32951	4.522	ug/L	99
8) Chloroethane	1.60	64	35157	3.843	ug/L	99
9) Trichlorofluoromethane	1.77	101	78681	4.467	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	45676	4.591	ug/L	97
12) 1,1-Dichloroethene	2.13	96	41003	4.305	ug/L	90
13) Acetone	2.24	43	78883	44.643	ug/L	69
14) Carbon disulfide	2.31	76	119447	3.798	ug/L	98
15) Methyl Acetate	2.46	43	20341	4.982	ug/L	93
16) Methylene chloride	2.52	84	45206	3.966	ug/L	94
17) Methyl tert-butyl Ether	2.79	73	102131	4.126	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	43183	4.102	ug/L	97
19) 1,1-Dichloroethane	3.21	63	87071	4.294	ug/L	98
21) 2-Butanone	4.04	43	125795	46.747	ug/L #	77
22) cis-1,2-Dichloroethene	3.94	96	49293	4.473	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	21349	4.539	ug/L	96
25) Chloroform	4.40	83	108579	4.863	ug/L	98
27) 1,2-Dichloroethane	5.16	62	61261	4.465	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	82669	4.364	ug/L	99
30) Cyclohexane	4.70	56	80206	4.225	ug/L	97
31) Carbon tetrachloride	4.85	117	69924	4.277	ug/L	100
33) Benzene	5.12	78	195275	4.518	ug/L	100
34) Trichloroethene	5.94	95	49921	4.047	ug/L	91
35) Methylcyclohexane	6.15	83	80032	4.289	ug/L	99
37) 1,2-Dichloropropane	6.20	63	48664	4.432	ug/L	100
38) Bromodichloromethane	6.53	83	61755	4.429	ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	66977	4.316	ug/L	97
40) 4-Methyl-2-pentanone	7.26	43	306634	44.802	ug/L	100
42) Toluene	7.41	91	213540	4.661	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	191725	4.559	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	192081	4.570	ug/L #	100
46) trans-1,3-Dichloropropene	7.67	75	56912	4.341	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	32233	4.396	ug/L	96
49) Tetrachloroethene	7.99	164	39367	4.573	ug/L	96
50) 2-Hexanone	8.17	43	225715	46.636	ug/L	99
51) Dibromochloromethane	8.27	129	35995	4.369	ug/L	96
52) 1,2-Dibromoethane	8.37	107	30526	4.489	ug/L	94
53) Chlorobenzene	8.90	112	134591	4.568	ug/L	99
54) Ethylbenzene	9.03	91	237720	4.563	ug/L	100
55) m,p-xylene	9.16	106	90418	4.688	ug/L	95
56) o-xylene	9.56	106	83947	4.552	ug/L	99
57) Styrene	9.58	104	146570	4.752	ug/L	98
58) Isopropylbenzene	9.95	105	232840	4.596	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	38815	4.954	ug/L	99
62) Bromoform	9.75	173	17028	4.176	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	107424	4.492	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	110187	4.586	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	98630	4.557	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	6791	4.807	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	77120	4.411	ug/L	100
69) 1,2,4-trichlorobenzene	13.29	180	63296	4.213	ug/L	100
70) Naphthalene	13.53	128	102608	4.294	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	56288	4.247	ug/L	99

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

