

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062619\
 Data File : VV011757.D
 Acq On : 26 Jun 2019 12:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00552

Quant Time: Jun 26 12:59:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 26 12:11:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	184797	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173211	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81565	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60036	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.58	69	45981	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.12	63	122644	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	3.96	46	159074	49.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.46%
24) Chloroform-d	4.40	84	118408	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.08	65	65515	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.09	84	243964	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.12	67	74492	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	223009	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.66	79	26427	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.14	63	125339	51.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51926	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	74911	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	85933	4.470	ug/L	96
3) Chloromethane	1.25	50	86577	4.964	ug/L	98
5) Vinyl chloride	1.32	62	80960	4.738	ug/L	96
6) Bromomethane	1.53	94	31334	4.207	ug/L	99
8) Chloroethane	1.60	64	42932	4.808	ug/L	96
9) Trichlorofluoromethane	1.76	101	104369	4.721	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	61832	4.935	ug/L	98
12) 1,1-Dichloroethene	2.13	96	55784	4.878	ug/L	99
13) Acetone	2.21	43	109042	46.721	ug/L	99
14) Carbon disulfide	2.31	76	137077	4.453	ug/L	99
15) Methyl Acetate	2.46	43	27190	4.679	ug/L	97
16) Methylene chloride	2.53	84	65478	5.138	ug/L	95
17) Methyl tert-butyl Ether	2.81	73	150398	4.808	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	65737	4.889	ug/L	96
19) 1,1-Dichloroethane	3.22	63	130523	4.884	ug/L	97
21) 2-Butanone	4.04	43	181765	48.339	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	71778	4.858	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	26824	4.818	ug/L	94
25) Chloroform	4.42	83	137734	4.694	ug/L	98
27) 1,2-Dichloroethane	5.18	62	84988	4.780	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	108994	4.887	ug/L	100
30) Cyclohexane	4.72	56	117073	4.596	ug/L	97
31) Carbon tetrachloride	4.87	117	90300	4.790	ug/L	99
33) Benzene	5.14	78	284870	4.961	ug/L	100
34) Trichloroethene	5.96	95	72517	4.762	ug/L	98
35) Methylcyclohexane	6.17	83	119536	4.862	ug/L	97
37) 1,2-Dichloropropane	6.22	63	72244	4.955	ug/L	100
38) Bromodichloromethane	6.55	83	81675	4.912	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	95025	4.966	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	448087	48.996	ug/L	98
42) Toluene	7.43	91	297469	4.958	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	73125	5.160	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	44939	4.856	ug/L	97
47) Tetrachloroethene	8.02	164	56116	4.948	ug/L	97
48) 2-Hexanone	8.19	43	324612	50.482	ug/L	100
49) Dibromochloromethane	8.29	129	47031	5.057	ug/L	98
50) 1,2-Dibromoethane	8.40	107	42782	5.063	ug/L	97
51) Chlorobenzene	8.92	112	182450	4.904	ug/L	98
52) Ethylbenzene	9.05	91	326652	4.932	ug/L	96
53) m,p-xylene	9.18	106	123491	5.077	ug/L	98
54) o-xylene	9.59	106	119700	5.034	ug/L	98
55) Styrene	9.60	104	195096	5.149	ug/L	100
56) Isopropylbenzene	9.97	105	317341	4.981	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	54845	4.984	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	40604	4.793	ug/L	99
61) Bromoform	9.77	173	22260	4.859	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	133550	4.854	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	135519	4.768	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	128961	4.921	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7412	4.938	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	101653	4.969	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	80232	5.060	ug/L	99
69) Naphthalene	13.55	128	135778	5.238	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	74219	5.036	ug/L	97

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

