

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062519\
 Data File : VV011751.D
 Acq On : 25 Jun 2019 15:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00550

Quant Time: Jun 26 01:45:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 26 01:40:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	202490	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	189750	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	90876	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64534	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.58	69	44930	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.12	63	129919	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	3.95	46	164100	46.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.70%
24) Chloroform-d	4.40	84	122249	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.08	65	67436	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.09	84	254604	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.11	67	76452	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	235153	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.66	79	26747	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.14	63	128767	48.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53005	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	79006	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	91856	4.361	ug/L 97
3) Chloromethane	1.25	50	88667	4.640	ug/L 100
5) Vinyl chloride	1.32	62	85936	4.590	ug/L 97
6) Bromomethane	1.53	94	31652	3.878	ug/L 100
8) Chloroethane	1.60	64	42790	4.373	ug/L 95
9) Trichlorofluoromethane	1.76	101	114200	4.714	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	65249	4.753	ug/L 99
12) 1,1-Dichloroethene	2.13	96	57626	4.598	ug/L 97
13) Acetone	2.21	43	112593	44.027	ug/L 97
14) Carbon disulfide	2.31	76	140814	4.175	ug/L 98
15) Methyl Acetate	2.46	43	27912	4.383	ug/L 96
16) Methylene chloride	2.53	84	64568	4.624	ug/L 94
17) Methyl tert-butyl Ether	2.81	73	157073	4.582	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	67401	4.575	ug/L 99
19) 1,1-Dichloroethane	3.22	63	134489	4.592	ug/L 98
21) 2-Butanone	4.03	43	190291	46.184	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	74375	4.594	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	27797	4.557	ug/L	97
25) Chloroform	4.42	83	142172	4.421	ug/L	96
27) 1,2-Dichloroethane	5.18	62	88011	4.517	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	114472	4.685	ug/L	99
30) Cyclohexane	4.72	56	124855	4.474	ug/L	99
31) Carbon tetrachloride	4.87	117	94375	4.570	ug/L	99
33) Benzene	5.14	78	296066	4.707	ug/L	100
34) Trichloroethene	5.96	95	74709	4.478	ug/L	98
35) Methylcyclohexane	6.17	83	124867	4.637	ug/L	96
37) 1,2-Dichloropropane	6.22	63	73353	4.593	ug/L	98
38) Bromodichloromethane	6.55	83	83658	4.593	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	100308	4.786	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	465779	46.491	ug/L	99
42) Toluene	7.43	91	310829	4.729	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	75454	4.861	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	46316	4.568	ug/L	95
47) Tetrachloroethene	8.02	164	57096	4.596	ug/L	98
48) 2-Hexanone	8.19	43	340093	48.279	ug/L	100
49) Dibromochloromethane	8.29	129	48711	4.781	ug/L	99
50) 1,2-Dibromoethane	8.40	107	42612	4.603	ug/L #	98
51) Chlorobenzene	8.92	112	191529	4.699	ug/L	98
52) Ethylbenzene	9.05	91	338968	4.672	ug/L	98
53) m,p-xylene	9.18	106	126869	4.762	ug/L	100
54) o-xylene	9.59	106	124220	4.769	ug/L	100
55) Styrene	9.60	104	208039	5.012	ug/L	98
56) Isopropylbenzene	9.97	105	334717	4.796	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	58013	4.813	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	42569	4.587	ug/L	99
61) Bromoform	9.77	173	22927	4.492	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	139378	4.547	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	140622	4.441	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	132418	4.535	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7691	4.599	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	106918	4.691	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	85126	4.819	ug/L	97
69) Naphthalene	13.55	128	138726	4.803	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	77948	4.747	ug/L	98

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

