

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013365.D
 Acq On : 25 Oct 2019 23:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

Quant Time: Oct 26 01:04:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 26 00:57:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	477979	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	503577	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	328912	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	193199	5.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.60%
7) Chloroethane-d5	1.58	69	154302	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	304677	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	3.96	46	408421	60.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.70%
24) Chloroform-d	4.40	84	403975	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.08	65	179494	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.10	84	829019	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.12	67	236442	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	798613	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	7.66	79	84032	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.13	63	295938	44.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	156122	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	304444	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	228152	4.318 ug/L	97
3) Chloromethane	1.25	50	192754	4.203 ug/L	99
5) Vinyl chloride	1.32	62	199881	4.333 ug/L	98
6) Bromomethane	1.54	94	121524	4.677 ug/L	100
8) Chloroethane	1.60	64	120539	4.385 ug/L	97
9) Trichlorofluoromethane	1.77	101	286918	4.298 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	172297	4.368 ug/L	97
12) 1,1-Dichloroethene	2.14	96	166624	4.434 ug/L #	87
13) Acetone	2.22	43	193475	55.295 ug/L	100
14) Carbon disulfide	2.32	76	446632	4.140 ug/L	100
15) Methyl Acetate	2.47	43	72775	6.150 ug/L	99
16) Methylene chloride	2.53	84	225951	4.001 ug/L	97
17) Methyl tert-butyl Ether	2.80	73	428724	4.926 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	229346	5.177 ug/L	96
19) 1,1-Dichloroethane	3.23	63	388951	5.402 ug/L	97
21) 2-Butanone	4.04	43	439498	56.110 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	232306	4.899 ug/L #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	107261	4.767	ug/L	93
25) Chloroform	4.42	83	418115	4.454	ug/L	100
27) 1,2-Dichloroethane	5.18	62	217026	4.329	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	341415	4.587	ug/L	100
30) Cyclohexane	4.72	56	324745	4.203	ug/L	96
31) Carbon tetrachloride	4.87	117	313872	4.700	ug/L	100
33) Benzene	5.14	78	888792	4.622	ug/L	100
34) Trichloroethene	5.96	95	241205	4.675	ug/L	97
35) Methylcyclohexane	6.17	83	352296	4.438	ug/L	97
37) 1,2-Dichloropropane	6.22	63	217355	4.653	ug/L	100
38) Bromodichloromethane	6.55	83	270626	4.476	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	285679	4.342	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1060284	44.406	ug/L	95
42) Toluene	7.43	91	982834	4.867	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	217451	4.363	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	153129	4.697	ug/L	98
47) Tetrachloroethene	8.02	164	224138	4.784	ug/L	98
48) 2-Hexanone	8.18	43	781296	45.837	ug/L	98
49) Dibromochloromethane	8.29	129	190070	4.628	ug/L	98
50) 1,2-Dibromoethane	8.40	107	141720	4.562	ug/L	99
51) Chlorobenzene	8.92	112	629529	4.762	ug/L	98
52) Ethylbenzene	9.05	91	1004059	4.770	ug/L	100
53) m,p-xylene	9.18	106	400513	4.970	ug/L	99
54) o-xylene	9.59	106	380162	4.969	ug/L	98
55) Styrene	9.60	104	674352	5.186	ug/L	96
56) Isopropylbenzene	9.97	105	1010821	5.009	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	157112	4.192	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	121289	4.354	ug/L	98
61) Bromoform	9.77	173	111607	4.451	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	560433	4.839	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	544464	4.643	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	492540	4.617	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	21547	3.557	ug/L	83
67) 1,3,5-Trichlorobenzene	12.69	180	397886	4.646	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	343669	4.587	ug/L	100
69) Naphthalene	13.55	128	447210	4.327	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	322652	4.637	ug/L	99

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

