

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013320.D
 Acq On : 24 Oct 2019 17:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00553

Quant Time: Oct 25 04:42:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 24 12:20:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	549066	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	564466	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	374168	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	180912	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	159497	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.13	63	307079	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	3.95	46	439058	56.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.96%
24) Chloroform-d	4.40	84	459370	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.08	65	207092	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.09	84	900814	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.11	67	272548	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.35	98	846732	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.66	79	102028	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.13	63	347636	46.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	197382	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	348017	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	282153	4.648 ug/L	99
3) Chloromethane	1.25	50	223053	4.234 ug/L	100
5) Vinyl chloride	1.32	62	232888	4.395 ug/L	98
6) Bromomethane	1.53	94	141160	4.729 ug/L	99
8) Chloroethane	1.60	64	136193	4.313 ug/L	100
9) Trichlorofluoromethane	1.77	101	344911	4.498 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	206766	4.563 ug/L	98
12) 1,1-Dichloroethene	2.14	96	192147	4.451 ug/L	95
13) Acetone	2.22	43	184467	45.894 ug/L #	55
14) Carbon disulfide	2.31	76	541282	4.368 ug/L	99
15) Methyl Acetate	2.47	43	77888	5.730 ug/L	94
16) Methylene chloride	2.53	84	259079	3.994 ug/L	96
17) Methyl tert-butyl Ether	2.80	73	526346	5.265 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	271664	5.338 ug/L	95
19) 1,1-Dichloroethane	3.23	63	461443	5.579 ug/L	97
21) 2-Butanone	4.04	43	456219	50.704 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	280567	5.151 ug/L #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	122872	4.753	ug/L	93
25) Chloroform	4.42	83	479076	4.443	ug/L	100
27) 1,2-Dichloroethane	5.18	62	258949	4.496	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	405749	4.863	ug/L	99
30) Cyclohexane	4.72	56	424008	4.896	ug/L	99
31) Carbon tetrachloride	4.87	117	369099	4.931	ug/L	99
33) Benzene	5.14	78	1063569	4.934	ug/L	100
34) Trichloroethene	5.96	95	286030	4.946	ug/L	97
35) Methylcyclohexane	6.17	83	455677	5.121	ug/L	98
37) 1,2-Dichloropropane	6.22	63	257045	4.910	ug/L	99
38) Bromodichloromethane	6.55	83	318468	4.699	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	355817	4.825	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1221287	45.632	ug/L	95
42) Toluene	7.43	91	1166388	5.153	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	271873	4.867	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	176665	4.834	ug/L	99
47) Tetrachloroethene	8.01	164	266016	5.065	ug/L	98
48) 2-Hexanone	8.18	43	951627	49.808	ug/L	98
49) Dibromochloromethane	8.29	129	221293	4.807	ug/L	99
50) 1,2-Dibromoethane	8.39	107	164526	4.724	ug/L	98
51) Chlorobenzene	8.92	112	751041	5.069	ug/L	98
52) Ethylbenzene	9.05	91	1249784	5.297	ug/L	99
53) m,p-xylene	9.18	106	491561	5.442	ug/L	98
54) o-xylene	9.58	106	464678	5.419	ug/L	99
55) Styrene	9.60	104	801438	5.499	ug/L	99
56) Isopropylbenzene	9.97	105	1254587	5.547	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	191979	4.570	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	148176	4.745	ug/L	98
61) Bromoform	9.77	173	131942	4.626	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	649121	4.926	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	652154	4.888	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	590275	4.864	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	28384	4.119	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	492235	5.053	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	427836	5.020	ug/L	100
69) Naphthalene	13.55	128	582129	4.951	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	398753	5.038	ug/L	99

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

