

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013339.D
 Acq On : 25 Oct 2019 02:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00554

Quant Time: Oct 25 04:48:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 04:42:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	437025	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	459454	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	298772	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	168015	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.58	69	134565	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.13	63	287000	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.20%
20) 2-Butanone-d5	3.93	46	447282	72.29	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.58%#
24) Chloroform-d	4.40	84	401360	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.08	65	183774	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	787919	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.12	67	239465	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.36	98	725924	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	7.66	79	84465	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.13	63	318499	52.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	168021	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	303299	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	228140	4.722 ug/L	99
3) Chloromethane	1.25	50	202776	4.836 ug/L	98
5) Vinyl chloride	1.32	62	216949	5.144 ug/L	100
6) Bromomethane	1.54	94	112649	4.742 ug/L	99
8) Chloroethane	1.60	64	120430	4.791 ug/L	99
9) Trichlorofluoromethane	1.77	101	313415	5.135 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	180722	5.011 ug/L	99
12) 1,1-Dichloroethene	2.14	96	171181	4.982 ug/L	94
13) Acetone	2.19	43	193394	60.451 ug/L #	46
14) Carbon disulfide	2.32	76	480703	4.873 ug/L	99
15) Methyl Acetate	2.46	43	70178	6.487 ug/L	99
16) Methylene chloride	2.53	84	224269	4.343 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	440004	5.529 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	227475	5.616 ug/L	95
19) 1,1-Dichloroethane	3.23	63	394835	5.997 ug/L	98
21) 2-Butanone	4.02	43	434313	60.644 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	245767	5.669 ug/L #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	105978	5.151	ug/L	92
25) Chloroform	4.42	83	414836	4.833	ug/L	99
27) 1,2-Dichloroethane	5.18	62	221584	4.834	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	342577	5.044	ug/L	99
30) Cyclohexane	4.73	56	347793	4.934	ug/L	100
31) Carbon tetrachloride	4.88	117	317056	5.204	ug/L	98
33) Benzene	5.15	78	909082	5.182	ug/L	100
34) Trichloroethene	5.96	95	245455	5.214	ug/L	98
35) Methylcyclohexane	6.18	83	366859	5.065	ug/L	96
37) 1,2-Dichloropropane	6.22	63	212704	4.991	ug/L	99
38) Bromodichloromethane	6.55	83	274602	4.978	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	289103	4.816	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1074365	49.317	ug/L	95
42) Toluene	7.43	91	977512	5.306	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	215841	4.747	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	149095	5.012	ug/L	98
47) Tetrachloroethene	8.02	164	221826	5.189	ug/L	97
48) 2-Hexanone	8.18	43	770645	49.554	ug/L	97
49) Dibromochloromethane	8.29	129	187385	5.001	ug/L	98
50) 1,2-Dibromoethane	8.39	107	140561	4.959	ug/L	97
51) Chlorobenzene	8.92	112	636989	5.282	ug/L	97
52) Ethylbenzene	9.05	91	1026975	5.347	ug/L	100
53) m,p-xylene	9.18	106	410763	5.587	ug/L	100
54) o-xylene	9.59	106	390687	5.597	ug/L	99
55) Styrene	9.60	104	673047	5.674	ug/L	98
56) Isopropylbenzene	9.97	105	1032050	5.606	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	162673	4.757	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	123676	4.866	ug/L	97
61) Bromoform	9.77	173	108013	4.742	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	550519	5.232	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	554747	5.207	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	511375	5.277	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	23086	4.195	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.69	180	409615	5.266	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	357204	5.249	ug/L	100
69) Naphthalene	13.55	128	478229	5.094	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	336215	5.320	ug/L	99

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

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