

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
 Data File : VV013424.D
 Acq On : 30 Oct 2019 10:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540

Quant Time: Oct 31 02:32:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 18:22:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	432550	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	452911	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	279535	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	161321	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.58	69	132310	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.13	63	284610	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	3.96	46	429380	45.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.76%
24) Chloroform-d	4.40	84	348764	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.08	65	184101	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.09	84	692090	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.11	67	216785	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.35	98	688752	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.66	79	80739	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.13	63	295232	50.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	143664	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	240697	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	277560	4.782 ug/L	100
3) Chloromethane	1.25	50	221958	4.541 ug/L	97
5) Vinyl chloride	1.32	62	222723	4.696 ug/L	100
6) Bromomethane	1.53	94	96727	3.791 ug/L	98
8) Chloroethane	1.60	64	126160	4.656 ug/L	96
9) Trichlorofluoromethane	1.77	101	296545	4.788 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	167981	4.855 ug/L	99
12) 1,1-Dichloroethene	2.14	96	156118	4.718 ug/L	91
13) Acetone	2.23	43	229908	50.280 ug/L	70
14) Carbon disulfide	2.31	76	471544	4.714 ug/L	100
15) Methyl Acetate	2.47	43	83928	4.904 ug/L	97
16) Methylene chloride	2.53	84	209812	4.378 ug/L	99
17) Methyl tert-butyl Ether	2.80	73	446630	5.071 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	210024	4.766 ug/L	98
19) 1,1-Dichloroethane	3.23	63	391187	4.839 ug/L	99
21) 2-Butanone	4.05	43	515540	51.753 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	216500	4.873 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	92613	4.636	ug/L	96
25) Chloroform	4.42	83	393369	4.593	ug/L	99
27) 1,2-Dichloroethane	5.18	62	232717	4.924	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	332915	4.963	ug/L	98
30) Cyclohexane	4.72	56	364877	5.179	ug/L	98
31) Carbon tetrachloride	4.87	117	298737	4.906	ug/L	99
33) Benzene	5.14	78	854937	5.052	ug/L	100
34) Trichloroethene	5.96	95	219902	4.733	ug/L	96
35) Methylcyclohexane	6.17	83	364043	5.253	ug/L	99
37) 1,2-Dichloropropane	6.22	63	210002	4.908	ug/L	99
38) Bromodichloromethane	6.55	83	258240	4.810	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	298413	5.162	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	1270611	52.740	ug/L	99
42) Toluene	7.43	91	912542	5.171	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	226107	4.949	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	141733	4.976	ug/L	99
47) Tetrachloroethene	8.02	164	197078	5.006	ug/L	99
48) 2-Hexanone	8.18	43	912623	53.574	ug/L	98
49) Dibromochloromethane	8.29	129	173577	4.926	ug/L	99
50) 1,2-Dibromoethane	8.39	107	128477	4.914	ug/L	97
51) Chlorobenzene	8.92	112	570747	5.011	ug/L	99
52) Ethylbenzene	9.05	91	981253	5.245	ug/L	99
53) m,p-xylene	9.18	106	388397	5.620	ug/L	94
54) o-xylene	9.58	106	362665	5.425	ug/L	96
55) Styrene	9.60	104	614940	5.459	ug/L	99
56) Isopropylbenzene	9.97	105	967781	5.378	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	148788	4.924	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	117683	4.780	ug/L	100
61) Bromoform	9.77	173	101057	4.938	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	478692	5.086	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	474434	5.026	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	426482	4.894	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	22528	4.553	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	388318	5.146	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	314231	5.379	ug/L	100
69) Naphthalene	13.55	128	430534	5.383	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	286753	5.402	ug/L	98

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

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