

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
 Data File : VV013813.D
 Acq On : 27 Nov 2019 10:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00553

Quant Time: Nov 28 02:50:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:09:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	360883	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	361098	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	198022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85679	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.58	69	82752	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.13	63	165120	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.80%
20) 2-Butanone-d5	3.95	46	214756	46.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.50%
24) Chloroform-d	4.39	84	206773	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.07	65	103007	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.09	84	401230	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.11	67	121212	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.35	98	381357	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	48530	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.13	63	207052	51.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.90%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	92882	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	154241	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	128996	5.367 ug/L	97
3) Chloromethane	1.25	50	104484	4.950 ug/L	99
5) Vinyl chloride	1.32	62	114676	5.319 ug/L	100
6) Bromomethane	1.53	94	51047	4.497 ug/L	99
8) Chloroethane	1.60	64	71049	5.469 ug/L	99
9) Trichlorofluoromethane	1.77	101	182685	5.457 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	109681	5.514 ug/L	99
12) 1,1-Dichloroethene	2.14	96	92796	5.348 ug/L	84
13) Acetone	2.22	43	131239	40.417 ug/L #	56
14) Carbon disulfide	2.31	76	201325	5.026 ug/L	99
15) Methyl Acetate	2.47	43	48760	6.708 ug/L #	88
16) Methylene chloride	2.53	84	111513	4.692 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	245730	5.175 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	102474	5.230 ug/L	99
19) 1,1-Dichloroethane	3.22	63	212876	5.442 ug/L	98
21) 2-Butanone	4.04	43	234859	47.851 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	117886	5.131 ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	54359	5.384	ug/L	97
25) Chloroform	4.42	83	231048	5.572	ug/L	100
27) 1,2-Dichloroethane	5.17	62	125974	5.308	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	188779	5.111	ug/L	99
30) Cyclohexane	4.72	56	148695	4.818	ug/L	99
31) Carbon tetrachloride	4.87	117	170694	5.252	ug/L	99
33) Benzene	5.14	78	449634	5.076	ug/L	100
34) Trichloroethene	5.95	95	123724	5.063	ug/L	97
35) Methylcyclohexane	6.17	83	162569	4.986	ug/L	96
37) 1,2-Dichloropropane	6.22	63	113764	4.997	ug/L	99
38) Bromodichloromethane	6.55	83	152785	5.086	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	159682	4.943	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	676825	50.954	ug/L	97
42) Toluene	7.42	91	507241	5.339	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	128639	5.088	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	86197	5.313	ug/L	95
47) Tetrachloroethene	8.01	164	109653	5.168	ug/L	96
48) 2-Hexanone	8.18	43	486800	51.344	ug/L	97
49) Dibromochloromethane	8.28	129	110617	5.316	ug/L	98
50) 1,2-Dibromoethane	8.39	107	76822	5.229	ug/L	96
51) Chlorobenzene	8.92	112	340340	5.148	ug/L	99
52) Ethylbenzene	9.05	91	534924	5.183	ug/L	99
53) m,p-xylene	9.18	106	209801	5.332	ug/L	96
54) o-xylene	9.58	106	199981	5.206	ug/L	96
55) Styrene	9.60	104	359409	5.419	ug/L	96
56) Isopropylbenzene	9.97	105	550258	5.257	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	92394	5.183	ug/L	96
59) 1,2,3-Trichloropropane	10.31	75	74018	5.297	ug/L	99
61) Bromoform	9.77	173	66052	5.300	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	305309	5.307	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	296293	5.060	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	272660	5.107	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	13488	4.347	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	238555	4.909	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	189648	4.759	ug/L	99
69) Naphthalene	13.55	128	235034	4.331	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	182265	5.020	ug/L	96

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

