

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110819\
 Data File : VV013573.D
 Acq On : 09 Nov 2019 05:46
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00552

Quant Time: Nov 11 00:30:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 11 00:28:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	407674	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	394394	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	214520	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89790	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.58	69	78735	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.14	63	173940	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.40%
20) 2-Butanone-d5	3.93	46	315343	51.19	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.38%
24) Chloroform-d	4.40	84	218933	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	117259	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	397138	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.11	67	135003	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	353469	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.66	79	49454	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.13	63	217564	52.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	108210	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	168023	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	192375	4.823	ug/L 99
3) Chloromethane	1.25	50	181893	5.102	ug/L 100
5) Vinyl chloride	1.32	62	174958	5.098	ug/L 96
6) Bromomethane	1.53	94	85340	4.723	ug/L 100
8) Chloroethane	1.60	64	93550	4.937	ug/L 94
9) Trichlorofluoromethane	1.77	101	243508	5.272	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	130165	5.028	ug/L 99
12) 1,1-Dichloroethene	2.14	96	125530	5.120	ug/L 93
13) Acetone	2.19	43	177794	47.579	ug/L 100
14) Carbon disulfide	2.32	76	366641	4.976	ug/L 99
15) Methyl Acetate	2.46	43	55069	4.929	ug/L 98
16) Methylene chloride	2.53	84	153897	4.792	ug/L 98
17) Methyl tert-butyl Ether	2.80	73	311536	4.809	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	148217	4.872	ug/L 98
19) 1,1-Dichloroethane	3.23	63	279848	4.930	ug/L 97
21) 2-Butanone	4.01	43	341672	49.988	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	156706	4.995	ug/L # 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	69012	4.750	ug/L	96
25) Chloroform	4.42	83	301249	4.867	ug/L	99
27) 1,2-Dichloroethane	5.18	62	170277	5.094	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	240613	4.921	ug/L	99
30) Cyclohexane	4.72	56	241786	4.913	ug/L	100
31) Carbon tetrachloride	4.87	117	217268	4.954	ug/L	99
33) Benzene	5.14	78	604316	4.931	ug/L	100
34) Trichloroethene	5.96	95	160242	4.850	ug/L	98
35) Methylcyclohexane	6.17	83	237988	4.738	ug/L	99
37) 1,2-Dichloropropane	6.22	63	151395	5.023	ug/L	99
38) Bromodichloromethane	6.55	83	194042	4.987	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	194994	4.656	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	855983	49.374	ug/L	100
42) Toluene	7.43	91	660268	5.181	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	152844	4.642	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	100067	4.831	ug/L	97
47) Tetrachloroethene	8.02	164	140196	4.853	ug/L	99
48) 2-Hexanone	8.18	43	610208	49.712	ug/L	100
49) Dibromochloromethane	8.29	129	127632	4.939	ug/L	97
50) 1,2-Dibromoethane	8.39	107	92740	4.794	ug/L	98
51) Chlorobenzene	8.92	112	418209	4.974	ug/L	99
52) Ethylbenzene	9.05	91	678473	4.969	ug/L	99
53) m,p-xylene	9.18	106	260910	5.123	ug/L	98
54) o-xylene	9.58	106	249791	5.106	ug/L	100
55) Styrene	9.60	104	442347	5.332	ug/L	98
56) Isopropylbenzene	9.97	105	677461	5.130	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	109010	4.930	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	88775	4.961	ug/L	98
61) Bromoform	9.77	173	72036	4.738	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	349242	4.853	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	345749	4.810	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	314526	4.777	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	15573	4.645	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	265803	4.734	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	205298	4.589	ug/L	100
69) Naphthalene	13.55	128	266616	4.413	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	194945	4.642	ug/L	100

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

