

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112519\
 Data File : VV013775.D
 Acq On : 25 Nov 2019 19:44
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00549

Quant Time: Nov 26 04:43:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 04:36:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	388426	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	356995	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	206913	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93003	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.58	69	87538	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.13	63	177763	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.80%
20) 2-Butanone-d5	3.94	46	254142	50.85	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	4.40	84	216568	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.08	65	107646	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.10	84	423380	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.11	67	125666	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	378963	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.66	79	45755	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.13	63	195518	49.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	97625	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	161736	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	125339	4.845	ug/L	97
3) Chloromethane	1.25	50	97160	4.277	ug/L	99
5) Vinyl chloride	1.32	62	114329	4.927	ug/L #	62
6) Bromomethane	1.53	94	17478	1.430	ug/L	96
8) Chloroethane	1.60	64	73061	5.225	ug/L	91
9) Trichlorofluoromethane	1.77	101	184293	5.115	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	106889	4.992	ug/L	99
12) 1,1-Dichloroethene	2.14	96	94373	5.053	ug/L	92
13) Acetone	2.20	43	171418	49.048	ug/L #	57
14) Carbon disulfide	2.32	76	211755	4.912	ug/L	99
15) Methyl Acetate	2.46	43	39581	5.059	ug/L	100
16) Methylene chloride	2.53	84	111876	4.373	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	252329	4.937	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	106500	5.050	ug/L	95
19) 1,1-Dichloroethane	3.23	63	212742	5.053	ug/L	98
21) 2-Butanone	4.02	43	277847	52.595	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	123566	4.997	ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	57211	5.265	ug/L	93
25) Chloroform	4.42	83	230232	5.159	ug/L	97
27) 1,2-Dichloroethane	5.18	62	128759	5.041	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	193754	5.306	ug/L	99
30) Cyclohexane	4.72	56	152249	4.990	ug/L	100
31) Carbon tetrachloride	4.87	117	172292	5.362	ug/L	99
33) Benzene	5.14	78	460080	5.254	ug/L	100
34) Trichloroethene	5.96	95	128568	5.322	ug/L	98
35) Methylcyclohexane	6.17	83	162782	5.050	ug/L	100
37) 1,2-Dichloropropane	6.22	63	118556	5.268	ug/L	99
38) Bromodichloromethane	6.55	83	152917	5.149	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	149894	4.694	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	665263	50.659	ug/L	97
42) Toluene	7.43	91	478166	5.090	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	120583	4.824	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	79980	4.986	ug/L	99
47) Tetrachloroethene	8.02	164	105654	5.037	ug/L	97
48) 2-Hexanone	8.18	43	497265	53.050	ug/L	99
49) Dibromochloromethane	8.29	129	107220	5.212	ug/L	100
50) 1,2-Dibromoethane	8.39	107	74669	5.141	ug/L	100
51) Chlorobenzene	8.92	112	323214	4.946	ug/L	98
52) Ethylbenzene	9.05	91	545944	5.350	ug/L	99
53) m,p-xylene	9.18	106	213240	5.482	ug/L	99
54) o-xylene	9.58	106	207421	5.462	ug/L	97
55) Styrene	9.60	104	363733	5.547	ug/L	100
56) Isopropylbenzene	9.97	105	560005	5.411	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	98099	5.566	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	74450	5.389	ug/L	100
61) Bromoform	9.77	173	68865	5.288	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	301905	5.022	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	300375	4.910	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	279349	5.007	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	14430	4.451	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	244135	4.808	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	198490	4.767	ug/L	99
69) Naphthalene	13.55	128	264345	4.662	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	192440	5.073	ug/L	96

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

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