

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111819\
 Data File : VV013671.D
 Acq On : 18 Nov 2019 21:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

Quant Time: Nov 19 04:31:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 04:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	376552	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	362922	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	198616	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103911	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	93696	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	199051	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	3.96	46	318299	59.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.34%
24) Chloroform-d	4.40	84	251385	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	124175	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.09	84	479623	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.11	67	144288	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.35	98	450416	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.66	79	55815	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.13	63	250078	57.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113962	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	186507	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	157421	4.546	ug/L	99
3) Chloromethane	1.25	50	161471	4.847	ug/L	97
5) Vinyl chloride	1.32	62	151011	4.758	ug/L	99
6) Bromomethane	1.53	94	94742	4.898	ug/L	98
8) Chloroethane	1.60	64	89927	5.048	ug/L	99
9) Trichlorofluoromethane	1.77	101	205049	4.860	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	111948	4.831	ug/L	98
12) 1,1-Dichloroethene	2.14	96	109153	4.852	ug/L	97
13) Acetone	2.22	43	196468	57.889	ug/L #	36
14) Carbon disulfide	2.31	76	364538	4.697	ug/L	100
15) Methyl Acetate	2.47	43	52562	5.468	ug/L	98
16) Methylene chloride	2.53	84	138350	4.425	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	289280	5.035	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	131121	4.726	ug/L	98
19) 1,1-Dichloroethane	3.23	63	244516	4.935	ug/L	99
21) 2-Butanone	4.04	43	327885	57.611	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	138716	4.817	ug/L #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	67097	5.055	ug/L	95
25) Chloroform	4.42	83	275808	4.111	ug/L	97
27) 1,2-Dichloroethane	5.18	62	155252	5.208	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	211879	4.830	ug/L	98
30) Cyclohexane	4.72	56	207153	4.747	ug/L	99
31) Carbon tetrachloride	4.87	117	192576	4.859	ug/L	96
33) Benzene	5.14	78	538609	4.903	ug/L	100
34) Trichloroethene	5.95	95	141423	4.810	ug/L	98
35) Methylcyclohexane	6.17	83	205125	4.574	ug/L	99
37) 1,2-Dichloropropane	6.22	63	133144	5.062	ug/L	100
38) Bromodichloromethane	6.55	83	171710	4.681	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	183924	4.865	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	840792	54.942	ug/L	99
42) Toluene	7.43	91	579946	4.941	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	147057	4.935	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	96309	5.077	ug/L	98
47) Tetrachloroethene	8.02	164	131353	4.821	ug/L	98
48) 2-Hexanone	8.18	43	616802	56.828	ug/L	98
49) Dibromochloromethane	8.29	129	124332	5.163	ug/L	95
50) 1,2-Dibromoethane	8.39	107	92025	5.050	ug/L	99
51) Chlorobenzene	8.92	112	370499	4.761	ug/L	98
52) Ethylbenzene	9.05	91	606259	4.846	ug/L	100
53) m,p-xylene	9.18	106	233616	4.951	ug/L	98
54) o-xylene	9.58	106	221972	4.891	ug/L	96
55) Styrene	9.60	104	393054	5.121	ug/L	100
56) Isopropylbenzene	9.97	105	598032	4.956	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	111269	5.288	ug/L	95
59) 1,2,3-Trichloropropane	10.31	75	82508	5.075	ug/L	99
61) Bromoform	9.77	173	74341	5.000	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	312888	4.700	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	310007	4.586	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	292116	4.711	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	17362	4.690	ug/L #	79
67) 1,3,5-Trichlorobenzene	12.69	180	253737	4.592	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	202461	4.460	ug/L	97
69) Naphthalene	13.55	128	276352	4.458	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	196313	4.735	ug/L	97

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

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