

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032319\
 Data File : VV009850.D
 Acq On : 23 Mar 2019 15:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00542

Quant Time: Mar 23 22:04:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 23 21:59:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	98957	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	100178	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48285	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48414	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.58	69	51224	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.14	63	133585	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	3.95	46	61518	44.45	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.90%
24) Chloroform-d	4.40	84	58461	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.08	65	27096	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.10	84	117868	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.12	67	34118	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.36	98	117185	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.67	79	11505	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.14	63	52712	42.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26643	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	38939	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	37916	4.247	ug/L	93
3) Chloromethane	1.25	50	48420	3.712	ug/L	100
5) Vinyl chloride	1.33	62	60401	4.206	ug/L	99
6) Bromomethane	1.54	94	40376	4.600	ug/L	98
8) Chloroethane	1.60	64	42458	4.260	ug/L	100
9) Trichlorofluoromethane	1.77	101	126358	4.208	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	70243	4.727	ug/L	97
12) 1,1-Dichloroethene	2.15	96	63124	4.784	ug/L	87
13) Acetone	2.19	43	81376	45.391	ug/L #	51
14) Carbon disulfide	2.32	76	166332	4.558	ug/L	99
15) Methyl Acetate	2.46	43	21401	5.025	ug/L	95
16) Methylene chloride	2.54	84	63004	4.222	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	151735	4.978	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	70559	4.976	ug/L	92
19) 1,1-Dichloroethane	3.23	63	55311	2.247	ug/L	95
21) 2-Butanone	4.03	43	61852	43.911	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	31376	4.574	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	12627	4.540	ug/L #	92
25) Chloroform	4.43	83	57848	4.824	ug/L	100
27) 1,2-Dichloroethane	5.18	62	33551	4.597	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	45745	4.231	ug/L	95
30) Cyclohexane	4.72	56	46450	4.145	ug/L	98
31) Carbon tetrachloride	4.87	117	41139	4.419	ug/L	98
33) Benzene	5.14	78	125488	4.460	ug/L	100
34) Trichloroethene	5.96	95	30951	4.349	ug/L	91
35) Methylcyclohexane	6.17	83	48360	3.970	ug/L	95
37) 1,2-Dichloropropane	6.22	63	29903	4.252	ug/L	98
38) Bromodichloromethane	6.56	83	36135	4.345	ug/L	92
39) cis-1,3-Dichloropropene	7.07	75	40384	4.245	ug/L	90
40) 4-Methyl-2-pentanone	7.28	43	172867	42.065	ug/L	93
42) Toluene	7.43	91	142877	4.488	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	29985	3.942	ug/L	94
45) 1,1,2-Trichloroethane	7.88	97	20543	4.291	ug/L	97
47) Tetrachloroethene	8.02	164	26492	4.310	ug/L	90
48) 2-Hexanone	8.19	43	122388	42.331	ug/L	97
49) Dibromochloromethane	8.29	129	22852	4.129	ug/L	99
50) 1,2-Dibromoethane	8.40	107	19823	4.434	ug/L #	91
51) Chlorobenzene	8.93	112	88916	4.362	ug/L	98
52) Ethylbenzene	9.05	91	151492	4.319	ug/L	97
53) m,p-xylene	9.18	106	59049	4.430	ug/L	100
54) o-xylene	9.59	106	54303	4.170	ug/L	96
55) Styrene	9.60	104	92117	4.351	ug/L	94
56) Isopropylbenzene	9.97	105	148913	4.331	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	26110	4.402	ug/L #	96
59) 1,2,3-Trichloropropane	10.32	75	18467	4.520	ug/L	95
61) Bromoform	9.78	173	9842	3.854	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	63991	4.165	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	68432	4.402	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	64054	4.430	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	3538	4.575	ug/L #	69
67) 1,3,5-Trichlorobenzene	12.69	180	49508	4.256	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	38066	4.365	ug/L	98
69) Naphthalene	13.55	128	54445	3.977	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	36353	4.491	ug/L	96

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

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