

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032119\
 Data File : VV009818.D
 Acq On : 22 Mar 2019 01:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00538

Quant Time: Mar 22 08:20:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 22 08:14:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	92022	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98870	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57186	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.59	69	56071	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.13	63	150031	5.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.80%
20) 2-Butanone-d5	3.95	46	69466	53.97	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.94%
24) Chloroform-d	4.41	84	56289	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	30993	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
32) Benzene-d6	5.10	84	129225	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	38978	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	126614	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.67	79	13293	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.14	63	67760	55.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31435	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	44929	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	43248	5.210 ug/L	98
3) Chloromethane	1.26	50	53354	4.398 ug/L	99
5) Vinyl chloride	1.33	62	71507	5.355 ug/L	100
6) Bromomethane	1.54	94	48492	5.941 ug/L	98
8) Chloroethane	1.60	64	50009	5.396 ug/L	95
9) Trichlorofluoromethane	1.77	101	139704	5.003 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	71689	5.188 ug/L	96
12) 1,1-Dichloroethene	2.14	96	69860	5.693 ug/L	87
13) Acetone	2.19	43	95263	57.142 ug/L #	54
14) Carbon disulfide	2.32	76	188100	5.543 ug/L	99
15) Methyl Acetate	2.46	43	22802	5.757 ug/L	99
16) Methylene chloride	2.54	84	67902	4.893 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	165001	5.821 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	73720	5.591 ug/L	92
19) 1,1-Dichloroethane	3.23	63	130606	5.705 ug/L	98
21) 2-Butanone	4.04	43	74943	57.214 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	34694	5.439 ug/L	97

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

23) Bromochloromethane	4.30	128	13343	5.159	ug/L #	87
25) Chloroform	4.43	83	68044	6.102	ug/L	98
27) 1,2-Dichloroethane	5.18	62	37346	5.502	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	52490	4.919	ug/L	97
30) Cyclohexane	4.72	56	51445	4.651	ug/L	98
31) Carbon tetrachloride	4.87	117	45600	4.963	ug/L	98
33) Benzene	5.15	78	138561	4.990	ug/L	100
34) Trichloroethene	5.96	95	35559	5.062	ug/L	98
35) Methylcyclohexane	6.18	83	56004	4.659	ug/L	99
37) 1,2-Dichloropropane	6.22	63	32161	4.634	ug/L	98
38) Bromodichloromethane	6.56	83	42917	5.229	ug/L #	96
39) cis-1,3-Dichloropropene	7.07	75	44522	4.742	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	208626	51.438	ug/L	94
42) Toluene	7.43	91	155864	4.960	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	36550	4.869	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	24567	5.199	ug/L	96
47) Tetrachloroethene	8.02	164	30302	4.995	ug/L	89
48) 2-Hexanone	8.19	43	144110	50.503	ug/L	97
49) Dibromochloromethane	8.29	129	26612	4.872	ug/L	100
50) 1,2-Dibromoethane	8.40	107	23025	5.218	ug/L #	94
51) Chlorobenzene	8.93	112	99228	4.933	ug/L	98
52) Ethylbenzene	9.05	91	173466	5.011	ug/L	97
53) m,p-xylene	9.18	106	66021	5.019	ug/L	97
54) o-xylene	9.59	106	64058	4.985	ug/L	98
55) Styrene	9.60	104	109150	5.224	ug/L	97
56) Isopropylbenzene	9.98	105	171537	5.055	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	31719	5.419	ug/L #	98
59) 1,2,3-Trichloropropane	10.32	75	20960	5.198	ug/L	97
61) Bromoform	9.78	173	13309	5.547	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	74418	5.155	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	74986	5.134	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	71853	5.289	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	3312	4.559	ug/L	84
67) 1,3,5-Trichlorobenzene	12.69	180	55842	5.110	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	42232	5.155	ug/L	96
69) Naphthalene	13.56	128	61576	4.787	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	39491	5.193	ug/L	98

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

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