

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032119\
 Data File : VV009793.D
 Acq On : 21 Mar 2019 13:27
 Operator : SY/MD
 Sample : VSTD01034
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01034

Quant Time: Mar 21 13:49:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 21 13:22:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113598	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	118758	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58701	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	131349	17.01	ug/L	0.00
7) Chloroethane-d5	1.59	69	117977	17.32	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	327551	17.22	ug/L	0.00
20) 2-Butanone-d5	3.98	46	170087	125.66	ug/L	0.00
24) Chloroform-d	4.41	84	147120	10.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	71040	10.67	ug/L	0.00
32) Benzene-d6	5.10	84	300004	10.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	89187	10.38	ug/L	0.00
41) Toluene-d8	7.36	98	302372	10.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	35880	9.71	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	162067	131.60	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	72390	10.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	104677	9.94	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	98021	13.791	ug/L	93
3) Chloromethane	1.25	50	147179	18.610	ug/L	100
5) Vinyl chloride	1.32	62	166775	19.084	ug/L	99
6) Bromomethane	1.54	94	102600	18.263	ug/L	99
8) Chloroethane	1.60	64	106924	18.194	ug/L	97
9) Trichlorofluoromethane	1.77	101	359549	18.976	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	168070	17.613	ug/L	97
12) 1,1-Dichloroethene	2.14	96	152535	18.443	ug/L	95
13) Acetone	2.23	43	208900	176.278	ug/L	# 56
14) Carbon disulfide	2.32	76	422567	15.674	ug/L	99
15) Methyl Acetate	2.47	43	53743	16.581	ug/L	99
16) Methylene chloride	2.54	84	146371	15.184	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	359456	17.225	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	160810	17.765	ug/L	89
19) 1,1-Dichloroethane	3.23	63	279180	21.469	ug/L	97
21) 2-Butanone	4.06	43	173792	118.267	ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	81124	10.057	ug/L	94
23) Bromochloromethane	4.30	128	32315	10.147	ug/L	90
25) Chloroform	4.43	83	141456	10.284	ug/L	99
27) 1,2-Dichloroethane	5.19	62	86255	10.390	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	125099	9.069	ug/L	98
30) Cyclohexane	4.72	56	129240	9.835	ug/L	96
31) Carbon tetrachloride	4.87	117	109887	9.787	ug/L	96
33) Benzene	5.15	78	325895	10.122	ug/L	100
34) Trichloroethene	5.96	95	82138	9.016	ug/L	96
35) Methylcyclohexane	6.17	83	136447	9.381	ug/L	96
37) 1,2-Dichloropropane	6.22	63	76600	9.770	ug/L	98
38) Bromodichloromethane	6.56	83	101640	9.234	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	117350	9.543	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	501907	117.660	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	376729	10.219	ug/L	95
44) trans-1,3-Dichloropropene	7.69	75	95874	9.839	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	56734	10.219	ug/L	96
47) Tetrachloroethene	8.02	164	68055	9.707	ug/L	94
48) 2-Hexanone	8.19	43	362042	122.911	ug/L	99
49) Dibromochloromethane	8.29	129	67483	9.413	ug/L	98
50) 1,2-Dibromoethane	8.40	107	51541	9.534	ug/L	96
51) Chlorobenzene	8.93	112	235938	9.689	ug/L	98
52) Ethylbenzene	9.05	91	425818	10.055	ug/L	96
53) m,p-xylene	9.18	106	165552	10.285	ug/L	98
54) o-xylene	9.59	106	159468	10.056	ug/L	95
55) Styrene	9.60	104	268584	10.453	ug/L	99
56) Isopropylbenzene	9.97	105	426328	9.905	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	73182	10.703	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	48142	10.013	ug/L	99
61) Bromoform	9.78	173	32651	8.970	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	179708	9.518	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	188439	9.919	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	170638	9.708	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	10025	8.918	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	137686	9.859	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	111912	10.185	ug/L	97
69) Naphthalene	13.55	128	191642	10.438	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	104285	10.515	ug/L	98

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

