

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010603.D
 Acq On : 01 May 2019 13:37
 Operator : SY/MD
 Sample : VSTD01039
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01039

Quant Time: May 02 07:59:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 02 07:54:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	81389	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	86926	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41770	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50367	11.22	ug/L	0.00
7) Chloroethane-d5	1.58	69	33361	10.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	103427	11.83	ug/L	0.00
20) 2-Butanone-d5	3.95	46	129425	125.72	ug/L	0.00
24) Chloroform-d	4.40	84	113944	11.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	54254	11.20	ug/L	0.00
32) Benzene-d6	5.10	84	227970	11.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	66248	10.96	ug/L	0.00
41) Toluene-d8	7.36	98	225757	11.55	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	25293	11.10	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	92830	101.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49965	11.25	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	81386	11.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	75450	10.527 ug/L	99
3) Chloromethane	1.25	50	67140	10.257 ug/L	98
5) Vinyl chloride	1.32	62	68867	10.503 ug/L	100
6) Bromomethane	1.54	94	42042	14.706 ug/L	98
8) Chloroethane	1.60	64	29645	9.564 ug/L	95
9) Trichlorofluoromethane	1.77	101	109548	10.384 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	58608	10.873 ug/L	98
12) 1,1-Dichloroethene	2.14	96	52006	11.072 ug/L	87
13) Acetone	2.22	43	69264	109.900 ug/L	99
14) Carbon disulfide	2.31	76	145044	10.918 ug/L	99
15) Methyl Acetate	2.47	43	20431	9.630 ug/L	95
16) Methylene chloride	2.53	84	58104	9.631 ug/L	94
17) Methyl tert-butyl Ether	2.81	73	124518	11.561 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	59332	11.327 ug/L	98
19) 1,1-Dichloroethane	3.23	63	111105	11.388 ug/L	98
21) 2-Butanone	4.04	43	133930	119.022 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	64929	11.200 ug/L	89
23) Bromochloromethane	4.30	128	27178	11.637 ug/L	94
25) Chloroform	4.42	83	116930	11.206 ug/L	97
27) 1,2-Dichloroethane	5.18	62	67761	11.535 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	103153	10.734 ug/L	99
30) Cyclohexane	4.72	56	98748	11.126 ug/L	99
31) Carbon tetrachloride	4.87	117	93758	10.669 ug/L	99
33) Benzene	5.14	78	246694	10.872 ug/L	100
34) Trichloroethene	5.96	95	66873	10.156 ug/L	97
35) Methylcyclohexane	6.17	83	103183	11.226 ug/L	96
37) 1,2-Dichloropropane	6.22	63	59679	10.508 ug/L	99
38) Bromodichloromethane	6.55	83	78968	10.800 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	89390	11.508 ug/L	96
40) 4-Methyl-2-pentanone	7.27	43	345842	113.720 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	287830	11.311	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	68665	11.605	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	42633	11.238	ug/L	94
47) Tetrachloroethene	8.02	164	54266	10.759	ug/L	97
48) 2-Hexanone	8.19	43	257663	117.465	ug/L	98
49) Dibromochloromethane	8.29	129	52959	11.336	ug/L	99
50) 1,2-Dibromoethane	8.40	107	40311	11.093	ug/L	97
51) Chlorobenzene	8.93	112	184783	11.069	ug/L	97
52) Ethylbenzene	9.05	91	314675	11.448	ug/L	100
53) m,p-xylene	9.18	106	127435	12.174	ug/L	99
54) o-xylene	9.59	106	121166	11.750	ug/L	95
55) Styrene	9.60	104	203663	12.080	ug/L	100
56) Isopropylbenzene	9.97	105	314928	11.894	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	48633	10.358	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	36163	10.676	ug/L	99
61) Bromoform	9.77	173	26490	11.240	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	139733	10.932	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	139855	10.841	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	135078	11.186	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7202	9.691	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	106066	11.291	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	81076	11.294	ug/L	97
69) Naphthalene	13.55	128	133905	11.622	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	74922	11.379	ug/L	99

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

