

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082819\
 Data File : VV012435.D
 Acq On : 28 Aug 2019 21:53
 Operator : SY/MD
 Sample : VSTD02032
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02032

Quant Time: Aug 29 02:00:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 29 01:55:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	240073	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	234470	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	120363	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41815	4.18	ug/L	0.00
7) Chloroethane-d5	1.58	69	42671	5.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	264477	13.34	ug/L	0.00
20) 2-Butanone-d5	3.96	46	798972	238.76	ug/L	0.00
24) Chloroform-d	4.40	84	438902	16.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	172953	13.84	ug/L	0.00
32) Benzene-d6	5.10	84	537109	10.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	253339	15.55	ug/L	0.00
41) Toluene-d8	7.36	98	572209	12.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	102543	16.55	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	655826	298.76	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	265507	22.48	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	361265	18.31	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	663372	28.506	ug/L 99
3) Chloromethane	1.25	50	540625	29.745	ug/L 99
5) Vinyl chloride	1.32	62	508890	29.351	ug/L 99
6) Bromomethane	1.54	94	267721	31.968	ug/L 99
8) Chloroethane	1.60	64	257740	29.101	ug/L 99
9) Trichlorofluoromethane	1.77	101	699249	29.856	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	335832	28.120	ug/L 99
12) 1,1-Dichloroethene	2.14	96	319155	29.055	ug/L 94
13) Acetone	2.22	43	496234	305.899	ug/L 99
14) Carbon disulfide	2.32	76	985940	28.723	ug/L 98
15) Methyl Acetate	2.47	43	120621	29.931	ug/L 97
16) Methylene chloride	2.53	84	318190	26.315	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	1013102	30.694	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	458411	28.642	ug/L 97
19) 1,1-Dichloroethane	3.23	63	881480	29.114	ug/L 99
21) 2-Butanone	4.04	43	1241212	329.694	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	507193	29.058	ug/L 99
23) Bromochloromethane	4.30	128	206721	28.068	ug/L 98
25) Chloroform	4.42	83	866146	26.047	ug/L 99
27) 1,2-Dichloroethane	5.18	62	525846	29.370	ug/L 99
29) 1,1,1-Trichloroethane	4.66	97	759982	28.910	ug/L 99
30) Cyclohexane	4.72	56	855526	31.323	ug/L 99
31) Carbon tetrachloride	4.87	117	678077	29.177	ug/L 98
33) Benzene	5.14	78	1944722	29.025	ug/L 100
34) Trichloroethene	5.96	95	498906	27.953	ug/L 100
35) Methylcyclohexane	6.17	83	860945	30.391	ug/L 97
37) 1,2-Dichloropropane	6.22	63	496575	29.085	ug/L 99
38) Bromodichloromethane	6.55	83	621552	29.427	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	723663	31.430	ug/L 98
40) 4-Methyl-2-pentanone	7.27	43	3010491	320.876	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	2082045	30.231	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	552074	32.044	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	321225	29.030	ug/L	99
47) Tetrachloroethene	8.02	164	412865	28.530	ug/L	98
48) 2-Hexanone	8.18	43	2110233	314.274	ug/L	99
49) Dibromochloromethane	8.29	129	402227	30.221	ug/L	97
50) 1,2-Dibromoethane	8.40	107	301324	29.183	ug/L	100
51) Chlorobenzene	8.92	112	1295761	28.969	ug/L	100
52) Ethylbenzene	9.05	91	2345325	31.523	ug/L	100
53) m,p-xylene	9.18	106	893800	31.841	ug/L	99
54) o-xylene	9.59	106	864107	32.347	ug/L	100
55) Styrene	9.60	104	1456737	32.486	ug/L	100
56) Isopropylbenzene	9.97	105	2317505	32.618	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	391176	31.717	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	274217	28.944	ug/L	99
61) Bromoform	9.77	173	227468	29.122	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	1046062	28.629	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	1030171	28.186	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	957125	28.466	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	62004	30.877	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	837200	29.857	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	695112	34.615	ug/L	99
69) Naphthalene	13.55	128	1170358	40.433	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	641972	33.943	ug/L	99

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

