

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015416.D
 Acq On : 09 Apr 2020 13:13
 Operator : SY/MD
 Sample : VSTD01031
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01031

Quant Time: Apr 10 02:28:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 02:18:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	120756	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	116029	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58653	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	65098	7.86	ug/L	0.00
7) Chloroethane-d5	1.57	69	58802	7.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	133205	7.15	ug/L	0.00
20) 2-Butanone-d5	3.96	46	196860	100.95	ug/L	-0.01
24) Chloroform-d	4.38	84	146342	8.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	77353	10.22	ug/L	0.00
32) Benzene-d6	5.07	84	271246	10.37	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	85223	10.29	ug/L	0.00
41) Toluene-d8	7.34	98	263362	9.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	37520	10.78	ug/L	0.00
46) 2-Hexanone-d5	8.12	63	184772	121.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	67058	10.73	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	97222	9.74	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	116958	10.262 ug/L	99
3) Chloromethane	1.24	50	110413	9.406 ug/L	99
5) Vinyl chloride	1.32	62	106807	8.812 ug/L	99
6) Bromomethane	1.53	94	60764	7.975 ug/L	98
8) Chloroethane	1.59	64	61500	8.552 ug/L	100
9) Trichlorofluoromethane	1.76	101	137975	7.974 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	76997	7.163 ug/L	99
12) 1,1-Dichloroethene	2.13	96	73314	7.127 ug/L	92
13) Acetone	2.26	43	118929	88.906 ug/L	80
14) Carbon disulfide	2.30	76	260026	7.858 ug/L	99
15) Methyl Acetate	2.47	43	37501	9.096 ug/L	99
16) Methylene chloride	2.52	84	82381	6.735 ug/L	99
17) Methyl tert-butyl Ether	2.79	73	197404	8.400 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	83666	7.690 ug/L	99
19) 1,1-Dichloroethane	3.21	63	159071	8.409 ug/L	99
21) 2-Butanone	4.05	43	203244	93.146 ug/L	# 77
22) cis-1,2-Dichloroethene	3.94	96	86562	7.753 ug/L	95
23) Bromochloromethane	4.28	128	36123	7.899 ug/L	99
25) Chloroform	4.40	83	157401	7.407 ug/L	100
27) 1,2-Dichloroethane	5.16	62	104120	10.916 ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	146907	8.377 ug/L	99
30) Cyclohexane	4.70	56	157243	9.279 ug/L	98
31) Carbon tetrachloride	4.85	117	129291	8.537 ug/L	100
33) Benzene	5.12	78	340739	10.941 ug/L	100
34) Trichloroethene	5.94	95	90467	10.268 ug/L	99
35) Methylcyclohexane	6.15	83	154264	10.062 ug/L	99
37) 1,2-Dichloropropane	6.20	63	85486	11.361 ug/L	99
38) Bromodichloromethane	6.53	83	113049	10.907 ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	133093	11.250 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	562974	128.458 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	375402	10.179	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	114242	11.327	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	56869	10.138	ug/L	96
47) Tetrachloroethene	8.00	164	69122	10.655	ug/L	97
48) 2-Hexanone	8.16	43	408956	131.415	ug/L	99
49) Dibromochloromethane	8.27	129	70768	10.678	ug/L	100
50) 1,2-Dibromoethane	8.38	107	55110	10.342	ug/L	99
51) Chlorobenzene	8.90	112	233620	9.800	ug/L	99
52) Ethylbenzene	9.03	91	435139	10.233	ug/L	100
53) m,p-xylene	9.16	106	162860	9.944	ug/L	99
54) o-xylene	9.57	106	156704	9.882	ug/L	98
55) Styrene	9.58	104	270744	10.323	ug/L	100
56) Isopropylbenzene	9.95	105	431510	10.141	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	71147	10.980	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	52871	10.800	ug/L	100
61) Bromoform	9.75	173	34996	11.313	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	187517	9.711	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	188927	9.748	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	171130	9.927	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	13374	10.721	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	138027	10.244	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	122300	10.287	ug/L	99
69) Naphthalene	13.53	128	233638	8.537	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	109261	10.657	ug/L	99

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

