

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050720\
 Data File : VV015934.D
 Acq On : 07 May 2020 10:55
 Operator : SY/MD
 Sample : VSTD00533
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00533

Quant Time: May 08 04:39:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 04:37:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	151898	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	147563	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75328	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39493	4.33	ug/L	0.00
7) Chloroethane-d5	1.57	69	37623	4.57	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	87184	4.69	ug/L	0.00
20) 2-Butanone-d5	3.95	46	122014	50.50	ug/L	0.00
24) Chloroform-d	4.38	84	87492	4.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	51153	4.85	ug/L	0.00
32) Benzene-d6	5.07	84	175182	4.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	54276	4.84	ug/L	0.00
41) Toluene-d8	7.34	98	169720	4.95	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.64	79	21605	4.94	ug/L	0.00
48) 2-Hexanone-d5	8.11	63	95805	49.38	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38202	4.74	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	59992	4.80	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	59726	4.937 ug/L	97
3) Chloromethane	1.24	50	58723	4.859 ug/L	100
5) Vinyl chloride	1.32	62	56519	4.897 ug/L	99
6) Bromomethane	1.53	94	31353	4.875 ug/L	99
8) Chloroethane	1.59	64	34673	4.888 ug/L	95
9) Trichlorofluoromethane	1.76	101	78691	5.038 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	43607	4.919 ug/L	99
12) 1,1-Dichloroethene	2.13	96	42322	4.947 ug/L	82
13) Acetone	2.23	43	78991	52.947 ug/L	74
14) Carbon disulfide	2.30	76	138599	4.997 ug/L	98
15) Methyl Acetate	2.46	43	18719	5.381 ug/L	99
16) Methylene chloride	2.52	84	47816	4.024 ug/L	99
17) Methyl tert-butyl Ether	2.79	73	109173	4.877 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	47230	4.953 ug/L	99
19) 1,1-Dichloroethane	3.21	63	89977	4.944 ug/L	98
21) 2-Butanone	4.03	43	119578	48.546 ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	48376	4.864 ug/L	97
23) Bromochloromethane	4.27	128	21449	5.133 ug/L	93
25) Chloroform	4.40	83	99897	5.025 ug/L	97
27) 1,2-Dichloroethane	5.16	62	59167	4.860 ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	82803	4.948 ug/L	99
30) Cyclohexane	4.70	56	82324	4.821 ug/L	99
31) Carbon tetrachloride	4.85	117	70621	4.911 ug/L	99
33) Benzene	5.12	78	190665	4.970 ug/L	100
34) Trichloroethene	5.94	95	53225	5.074 ug/L	94
35) Methylcyclohexane	6.15	83	82099	4.820 ug/L	99
37) 1,2-Dichloropropane	6.20	63	46175	4.846 ug/L	99
38) Bromodichloromethane	6.53	83	61551	5.086 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	68875	5.086 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	305916	50.280 ug/L	100

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

42) Toluene	7.41	91	205150	5.011	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	189485	5.000	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	191868	5.000	ug/L #	100
46) trans-1,3-Dichloropropene	7.67	75	58518	5.112	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	31081	4.850	ug/L	94
49) Tetrachloroethene	8.00	164	37500	4.824	ug/L	98
50) 2-Hexanone	8.16	43	225833	52.781	ug/L	99
51) Dibromochloromethane	8.27	129	36677	5.200	ug/L	98
52) 1,2-Dibromoethane	8.38	107	30663	5.001	ug/L	95
53) Chlorobenzene	8.90	112	128292	4.918	ug/L	97
54) Ethylbenzene	9.03	91	230732	4.971	ug/L	99
55) m,p-xylene	9.16	106	87254	5.011	ug/L	96
56) o-xylene	9.56	106	81369	4.938	ug/L	98
57) Styrene	9.58	104	141949	5.121	ug/L	100
58) Isopropylbenzene	9.95	105	226850	4.983	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	34456	4.699	ug/L	98
62) Bromoform	9.76	173	16937	5.214	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	104722	4.942	ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	101710	4.864	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	93628	4.891	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	6053	4.583	ug/L	94
68) 1,3,5-Trichlorobenzene	12.67	180	75063	4.792	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	63919	4.851	ug/L	100
70) Naphthalene	13.53	128	103567	4.720	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	57510	4.875	ug/L	99

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

