

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016193.D
 Acq On : 26 May 2020 15:48
 Operator : SY/MD
 Sample : VSTD00534
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00534

Quant Time: May 27 02:03:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 02:00:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	99907	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	96557	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	47579	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32368	5.70	ug/L	0.00
7) Chloroethane-d5	1.58	69	27942	5.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	61820	5.22	ug/L	0.00
20) 2-Butanone-d5	3.97	46	81124	52.35	ug/L	0.00
24) Chloroform-d	4.38	84	64713	5.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	33671	4.96	ug/L	0.00
32) Benzene-d6	5.07	84	122048	5.24	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	36693	5.20	ug/L	0.00
41) Toluene-d8	7.34	98	118029	5.36	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.64	79	14993	5.38	ug/L	0.00
48) 2-Hexanone-d5	8.12	63	65721	53.81	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28280	5.58	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	40153	5.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	47042	5.905	ug/L 100
3) Chloromethane	1.25	50	49874	6.082	ug/L 100
5) Vinyl chloride	1.32	62	45981	5.922	ug/L 100
6) Bromomethane	1.53	94	26169	5.910	ug/L 100
8) Chloroethane	1.60	64	26525	4.885	ug/L 100
9) Trichlorofluoromethane	1.77	101	60566	5.758	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	33388	5.630	ug/L 100
12) 1,1-Dichloroethene	2.14	96	31529	5.585	ug/L 100
13) Acetone	2.25	43	51724	50.762	ug/L 100
14) Carbon disulfide	2.31	76	96750	5.265	ug/L 100
15) Methyl Acetate	2.47	43	14182	5.832	ug/L 100
16) Methylene chloride	2.52	84	33903	5.078	ug/L 100
17) Methyl tert-butyl Ether	2.79	73	77638	5.347	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	34313	5.529	ug/L 100
19) 1,1-Dichloroethane	3.21	63	62748	5.297	ug/L 100
21) 2-Butanone	4.05	43	92967	57.727	ug/L 100
22) cis-1,2-Dichloroethene	3.94	96	37963	5.746	ug/L 100
23) Bromochloromethane	4.28	128	15553	5.609	ug/L 100
25) Chloroform	4.41	83	69269	5.316	ug/L 100
27) 1,2-Dichloroethane	5.16	62	44773	5.491	ug/L 100
29) 1,1,1-Trichloroethane	4.63	97	60923	5.580	ug/L 100
30) Cyclohexane	4.70	56	64301	5.799	ug/L 100
31) Carbon tetrachloride	4.85	117	51794	5.503	ug/L 100
33) Benzene	5.13	78	148242	5.875	ug/L 100
34) Trichloroethene	5.94	95	37754	5.355	ug/L 100
35) Methylcyclohexane	6.15	83	64351	5.896	ug/L 100
37) 1,2-Dichloropropane	6.20	63	36272	5.655	ug/L 100
38) Bromodichloromethane	6.53	83	44677	5.575	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	51881	5.767	ug/L 100
40) 4-Methyl-2-pentanone	7.26	43	231633	58.306	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	161093	6.005	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	153234	6.177	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	155762	6.273	ug/L	100
46) trans-1,3-Dichloropropene	7.68	75	44080	5.800	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	23921	5.609	ug/L	100
49) Tetrachloroethene	8.00	164	27990	5.625	ug/L	100
50) 2-Hexanone	8.17	43	165898	59.400	ug/L	100
51) Dibromochloromethane	8.27	129	25435	5.425	ug/L	100
52) 1,2-Dibromoethane	8.38	107	23023	5.842	ug/L	100
53) Chlorobenzene	8.90	112	99446	5.788	ug/L	100
54) Ethylbenzene	9.03	91	183955	6.012	ug/L	100
55) m,p-xylene	9.16	106	68841	6.086	ug/L	100
56) o-xylene	9.57	106	64375	5.955	ug/L	100
57) Styrene	9.58	104	111548	6.168	ug/L	100
58) Isopropylbenzene	9.95	105	177102	5.978	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	29356	6.277	ug/L	100
62) Bromoform	9.75	173	11198	5.077	ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	77479	5.838	ug/L	100
64) 1,4-Dichlorobenzene	11.30	146	77479	5.779	ug/L	100
66) 1,2-Dichlorobenzene	11.67	146	70076	5.821	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.45	75	4841	6.067	ug/L	100
68) 1,3,5-Trichlorobenzene	12.67	180	54698	5.660	ug/L	100
69) 1,2,4-trichlorobenzene	13.29	180	47601	5.706	ug/L	100
70) Naphthalene	13.53	128	94129	6.744	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	42777	5.810	ug/L	100

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

