

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015619.D
 Acq On : 22 Apr 2020 14:07
 Operator : SY/MD
 Sample : VSTD00531
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00531

Quant Time: Apr 23 00:31:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 00:28:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	135661	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	126332	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	65673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33998	4.87	ug/L	0.00
7) Chloroethane-d5	1.57	69	33048	5.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	75310	5.08	ug/L	0.00
20) 2-Butanone-d5	3.93	46	116258	57.14	ug/L	0.00
24) Chloroform-d	4.38	84	81139	5.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	44892	5.31	ug/L	0.00
32) Benzene-d6	5.07	84	152582	5.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	49157	5.52	ug/L	0.00
41) Toluene-d8	7.34	98	145270	5.37	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	18489	4.93	ug/L	0.00
46) 2-Hexanone-d5	8.11	63	95544	51.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	36380	5.23	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	54255	5.11	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	58715	4.521	ug/L 100
3) Chloromethane	1.24	50	50247	4.130	ug/L 100
5) Vinyl chloride	1.32	62	53720	4.513	ug/L 100
6) Bromomethane	1.53	94	22146	3.510	ug/L 100
8) Chloroethane	1.59	64	36812	5.152	ug/L 100
9) Trichlorofluoromethane	1.76	101	74580	4.815	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	43730	4.960	ug/L 100
12) 1,1-Dichloroethene	2.13	96	39829	4.749	ug/L 100
13) Acetone	2.22	43	80668	56.464	ug/L 100
14) Carbon disulfide	2.30	76	109548	3.918	ug/L 100
15) Methyl Acetate	2.46	43	19649	4.666	ug/L 100
16) Methylene chloride	2.52	84	46009	4.653	ug/L 100
17) Methyl tert-butyl Ether	2.79	73	112000	4.952	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	44202	4.713	ug/L 100
19) 1,1-Dichloroethane	3.21	63	87935	4.918	ug/L 100
21) 2-Butanone	4.02	43	126502	54.576	ug/L 100
22) cis-1,2-Dichloroethene	3.94	96	48655	4.948	ug/L 100
23) Bromochloromethane	4.27	128	19908	4.875	ug/L 100
25) Chloroform	4.40	83	91562	4.977	ug/L 100
27) 1,2-Dichloroethane	5.16	62	61136	5.136	ug/L 100
29) 1,1,1-Trichloroethane	4.63	97	82521	5.050	ug/L 100
30) Cyclohexane	4.70	56	78250	4.610	ug/L 100
31) Carbon tetrachloride	4.85	117	68051	4.840	ug/L 100
33) Benzene	5.12	78	186249	4.973	ug/L 100
34) Trichloroethene	5.94	95	50586	4.983	ug/L 100
35) Methylcyclohexane	6.15	83	78365	4.693	ug/L 100
37) 1,2-Dichloropropane	6.20	63	46670	5.003	ug/L 100
38) Bromodichloromethane	6.53	83	58744	4.790	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	64895	4.632	ug/L 100
40) 4-Methyl-2-pentanone	7.25	43	308148	50.383	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	197654	4.879	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	56484	4.743	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	32764	5.190	ug/L	100
47) Tetrachloroethene	8.00	164	36833	4.937	ug/L	100
48) 2-Hexanone	8.16	43	224032	52.179	ug/L	100
49) Dibromochloromethane	8.27	129	32524	4.449	ug/L	100
50) 1,2-Dibromoethane	8.37	107	30087	5.010	ug/L	100
51) Chlorobenzene	8.90	112	126893	4.898	ug/L	100
52) Ethylbenzene	9.03	91	228460	4.906	ug/L	100
53) m,p-xylene	9.16	106	84226	4.802	ug/L	100
54) o-xylene	9.57	106	82287	4.843	ug/L	100
55) Styrene	9.58	104	140951	4.925	ug/L	100
56) Isopropylbenzene	9.95	105	226504	4.848	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	37473	4.940	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	29844	5.157	ug/L	100
61) Bromoform	9.76	173	12656	3.543	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	104054	4.966	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	103946	4.868	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	95313	4.964	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	6395	4.481	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	75520	4.976	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	70604	5.109	ug/L	100
69) Naphthalene	13.53	128	122260	4.770	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	61635	5.067	ug/L	100

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

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