

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017474.D
 Acq On : 14 Jul 2020 10:18
 Operator : SY/MD
 Sample : VSTD00531
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00531

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 1:02:24 PM

Quant Time: Jul 15 02:15:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:00:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	146462	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	139314	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78290	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42410	4.84	ug/L	0.00
7) Chloroethane-d5	1.58	69	33599	5.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	90514	5.29	ug/L	0.00
20) 2-Butanone-d5	3.95	46	86604m	40.24	ug/L	0.00
24) Chloroform-d	4.38	84	95696	5.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	52799	5.19	ug/L	0.00
32) Benzene-d6	5.07	84	166564	4.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	44993	4.27	ug/L	0.00
41) Toluene-d8	7.34	98	162101	4.82	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.64	79	22053	4.86	ug/L	0.00
48) 2-Hexanone-d5	8.11	63	68497	41.67	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	31468	4.46	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	66120	4.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	87083	6.787	ug/L 100
3) Chloromethane	1.25	50	57073	5.592	ug/L 100
5) Vinyl chloride	1.32	62	57527	5.738	ug/L 100
6) Bromomethane	1.53	94	34409	5.840	ug/L 100
8) Chloroethane	1.60	64	33406	5.951	ug/L 100
9) Trichlorofluoromethane	1.77	101	108216	6.459	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	48731	5.978	ug/L 100
12) 1,1-Dichloroethene	2.13	96	43620	5.936	ug/L 100
13) Acetone	2.24	43	60197m	52.471	ug/L
14) Carbon disulfide	2.31	76	136364	6.079	ug/L 100
15) Methyl Acetate	2.46	43	10265	3.866	ug/L 100
16) Methylene chloride	2.52	84	45046	5.710	ug/L 100
17) Methyl tert-butyl Ether	2.79	73	107338	5.820	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	47084	5.961	ug/L 100
19) 1,1-Dichloroethane	3.21	63	90248	5.292	ug/L 100
21) 2-Butanone	4.05	43	98193	46.936	ug/L 100
22) cis-1,2-Dichloroethene	3.94	96	50189	4.923	ug/L 100
23) Bromochloromethane	4.28	128	24144	5.458	ug/L 100
25) Chloroform	4.41	83	98344	5.295	ug/L 100
27) 1,2-Dichloroethane	5.16	62	64939	5.531	ug/L 100
29) 1,1,1-Trichloroethane	4.63	97	100322	5.777	ug/L 100
30) Cyclohexane	4.70	56	74485	4.720	ug/L 100
31) Carbon tetrachloride	4.85	117	91095	5.780	ug/L 100
33) Benzene	5.13	78	190304	5.177	ug/L 100
34) Trichloroethene	5.94	95	56432	5.208	ug/L 100
35) Methylcyclohexane	6.15	83	83396	5.012	ug/L 100
37) 1,2-Dichloropropane	6.20	63	41171	4.637	ug/L 100
38) Bromodichloromethane	6.53	83	67731	5.383	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	70115	5.186	ug/L 100
40) 4-Methyl-2-pentanone	7.25	43	243176	47.417	ug/L 100

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42) Toluene	7.41	91	212422	4.980	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	213368	5.530	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	217000	5.543	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	64002	5.409	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	32058	5.004	ug/L	100
49) Tetrachloroethene	8.00	164	49332	5.569	ug/L	100
50) 2-Hexanone	8.16	43	174339	47.793	ug/L	100
51) Dibromochloromethane	8.27	129	45764	5.714	ug/L	100
52) 1,2-Dibromoethane	8.38	107	31239	5.107	ug/L	100
53) Chlorobenzene	8.90	112	140614	5.251	ug/L	100
54) Ethylbenzene	9.03	91	242353	5.305	ug/L	100
55) m,p-xylene	9.16	106	92776	5.179	ug/L	100
56) o-xylene	9.56	106	87468	5.240	ug/L	100
57) Styrene	9.58	104	152603	5.470	ug/L	100
58) Isopropylbenzene	9.95	105	254461	5.490	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	33232	5.039	ug/L	100
62) Bromoform	9.75	173	25271	5.788	ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	122603	5.161	ug/L	100
64) 1,4-Dichlorobenzene	11.30	146	120853	5.018	ug/L	100
66) 1,2-Dichlorobenzene	11.67	146	110644	5.143	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.45	75	6756	5.490	ug/L	100
68) 1,3,5-Trichlorobenzene	12.67	180	99165	5.190	ug/L	100
69) 1,2,4-trichlorobenzene	13.28	180	81163	5.157	ug/L	100
70) Naphthalene	13.53	128	115322	5.186	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	73309	5.603	ug/L	100

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

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