

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017475.D
 Acq On : 14 Jul 2020 10:42
 Operator : SY/MD
 Sample : VSTD01032
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01032

Quant Time: Jul 15 02:03:40 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	147655	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	139801	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78760	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88140	9.97	ug/L	0.00
7) Chloroethane-d5	1.58	69	68191	10.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	183174	10.62	ug/L	0.00
20) 2-Butanone-d5	3.95	46	190142	87.64	ug/L	0.00
24) Chloroform-d	4.38	84	195371	10.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	105615	10.30	ug/L	0.00
32) Benzene-d6	5.07	84	337176	9.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	92427	8.74	ug/L	0.00
41) Toluene-d8	7.34	98	328256	9.73	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.64	79	46687	10.26	ug/L	0.00
48) 2-Hexanone-d5	8.11	63	155393	94.21	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	66403	9.39	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	133587	9.23	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	168357	13.014	ug/L	97
3) Chloromethane	1.25	50	112267	10.910	ug/L	95
5) Vinyl chloride	1.32	62	115750	11.451	ug/L	100
6) Bromomethane	1.53	94	70506	11.869	ug/L	96
8) Chloroethane	1.60	64	66397	11.732	ug/L	98
9) Trichlorofluoromethane	1.77	101	211450	12.518	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	98416	11.976	ug/L	99
12) 1,1-Dichloroethene	2.14	96	87880	11.862	ug/L	86
13) Acetone	2.24	43	130486	112.819	ug/L	82
14) Carbon disulfide	2.31	76	268911	11.890	ug/L	100
15) Methyl Acetate	2.46	43	28657	10.706	ug/L	97
16) Methylene chloride	2.52	84	84622	10.639	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	216468	11.642	ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	92264	11.587	ug/L	98
19) 1,1-Dichloroethane	3.21	63	179492	10.440	ug/L	99
21) 2-Butanone	4.03	43	196516	93.174	ug/L	# 41
22) cis-1,2-Dichloroethene	3.94	96	101635	9.890	ug/L	98
23) Bromochloromethane	4.28	128	46201	10.360	ug/L	95
25) Chloroform	4.40	83	194128	10.369	ug/L	99
27) 1,2-Dichloroethane	5.16	62	128886	10.890	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	196667	11.285	ug/L	97
30) Cyclohexane	4.70	56	151807	9.587	ug/L	99
31) Carbon tetrachloride	4.85	117	185239	11.713	ug/L	99
33) Benzene	5.12	78	374914	10.163	ug/L	100
34) Trichloroethene	5.94	95	109201	10.042	ug/L	96
35) Methylcyclohexane	6.15	83	172495	10.330	ug/L	98
37) 1,2-Dichloropropane	6.20	63	84907	9.529	ug/L	99
38) Bromodichloromethane	6.53	83	133961	10.611	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	143433	10.573	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	478681	93.013	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	421840	9.854	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	440821	11.384	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	443686	11.294	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	127702	10.755	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	63199	9.831	ug/L	96
49) Tetrachloroethene	8.00	164	95608	10.756	ug/L	97
50) 2-Hexanone	8.16	43	338017	92.341	ug/L	99
51) Dibromochloromethane	8.27	129	89402	11.123	ug/L	97
52) 1,2-Dibromoethane	8.38	107	62226	10.137	ug/L #	93
53) Chlorobenzene	8.90	112	274599	10.218	ug/L	99
54) Ethylbenzene	9.03	91	491092	10.713	ug/L	99
55) m,p-xylene	9.16	106	185730	10.332	ug/L	100
56) o-xylene	9.56	106	179443	10.713	ug/L	98
57) Styrene	9.58	104	302848	10.818	ug/L	97
58) Isopropylbenzene	9.95	105	504082	10.838	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	66148	9.994	ug/L	92
62) Bromoform	9.75	173	51203	11.658	ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	243566	10.192	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	238935	9.861	ug/L	96
66) 1,2-Dichlorobenzene	11.67	146	216729	10.013	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	13372	10.801	ug/L	92
68) 1,3,5-Trichlorobenzene	12.67	180	198305	10.316	ug/L	100
69) 1,2,4-trichlorobenzene	13.28	180	166394	10.509	ug/L	99
70) Naphthalene	13.52	128	247685	11.073	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	146282	11.114	ug/L	99

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

