

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061720\
 Data File : VV016954.D
 Acq On : 17 Jun 2020 09:24
 Operator : SY/MD
 Sample : VSTD0.534
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.534

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 2:58:36 PM

Quant Time: Jun 18 01:03:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 00:53:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	206200	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	200565	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	100670	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5877	0.35	ug/L	0.00
7) Chloroethane-d5	1.58	69	4822	0.38	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	12184	0.41	ug/L	0.00
20) 2-Butanone-d5	3.93	46	15083	4.04	ug/L	0.00
24) Chloroform-d	4.38	84	13633	0.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	6918	0.45	ug/L	0.00
32) Benzene-d6	5.08	84	25216	0.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	7688	0.45	ug/L	0.00
41) Toluene-d8	7.34	98	23787	0.46	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.64	79	3014	0.48	ug/L	0.00
48) 2-Hexanone-d5	8.11	63	10057	3.53	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	4958	0.41	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	10308	0.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	8843	0.533 ug/L	100
3) Chloromethane	1.25	50	7402	0.383 ug/L	96
5) Vinyl chloride	1.32	62	7169	0.416 ug/L	96
6) Bromomethane	1.53	94	4337	0.445 ug/L	100
8) Chloroethane	1.60	64	4358	0.427 ug/L	98
9) Trichlorofluoromethane	1.77	101	11393	0.473 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5562	0.420 ug/L	99
12) 1,1-Dichloroethene	2.14	96	5078	0.405 ug/L	89
13) Acetone	2.19	43	8114	3.286 ug/L	98
14) Carbon disulfide	2.31	76	15480	0.409 ug/L	99
15) Methyl Acetate	2.45	43	2198	0.359 ug/L	91
16) Methylene chloride	2.52	84	6154	0.461 ug/L	94
17) Methyl tert-butyl Ether	2.78	73	12705	0.429 ug/L #	93
18) trans-1,2-Dichloroethene	2.78	96	5454	0.412 ug/L	96
19) 1,1-Dichloroethane	3.21	63	11973	0.449 ug/L	99
21) 2-Butanone	4.01	43	13536	3.698 ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	7517	0.494 ug/L	74
23) Bromochloromethane	4.27	128	2936m	0.487 ug/L	
25) Chloroform	4.40	83	12970	0.476 ug/L	92
27) 1,2-Dichloroethane	5.15	62	7796	0.442 ug/L #	92
29) 1,1,1-Trichloroethane	4.63	97	11679	0.497 ug/L	94
30) Cyclohexane	4.69	56	11690	0.475 ug/L	97
31) Carbon tetrachloride	4.85	117	10476	0.516 ug/L	96
33) Benzene	5.13	78	24979	0.433 ug/L	100
34) Trichloroethene	5.94	95	7843	0.510 ug/L	96
35) Methylcyclohexane	6.15	83	12229	0.495 ug/L	99
37) 1,2-Dichloropropane	6.20	63	6387	0.443 ug/L #	91
38) Bromodichloromethane	6.54	83	8758	0.493 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	8509	0.433 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	34107	3.928 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	33972	0.552	ug/L	94
43) 1,3,5-Trimethylbenzene	10.56	105	23752	0.432	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	23712	0.421	ug/L	99
46) trans-1,3-Dichloropropene	7.68	75	7705	0.475	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	4586	0.485	ug/L	96
49) Tetrachloroethene	7.99	164	6252	0.540	ug/L	96
50) 2-Hexanone	8.16	43	23798	3.925	ug/L	97
51) Dibromochloromethane	8.27	129	5319	0.518	ug/L	92
52) 1,2-Dibromoethane	8.38	107	4311	0.483	ug/L #	88
53) Chlorobenzene	8.90	112	18929	0.484	ug/L	96
54) Ethylbenzene	9.03	91	31165	0.457	ug/L	99
55) m,p-xylene	9.16	106	13260	0.517	ug/L	99
56) o-xylene	9.57	106	11399	0.473	ug/L	93
57) Styrene	9.58	104	17806	0.435	ug/L	98
58) Isopropylbenzene	9.95	105	29936	0.453	ug/L	97
60) 1,1,2,2-Tetrachloroethane	10.27	83	4451	0.384	ug/L	99
62) Bromoform	9.76	173	2553	0.574	ug/L	97
63) 1,3-Dichlorobenzene	11.21	146	15210	0.498	ug/L	96
64) 1,4-Dichlorobenzene	11.30	146	15971	0.505	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	14283	0.500	ug/L	95
67) 1,2-Dibromo-3-chloropropan	12.45	75	668	0.373	ug/L #	70
68) 1,3,5-Trichlorobenzene	12.67	180	12243	0.543	ug/L	96
69) 1,2,4-trichlorobenzene	13.29	180	10023	0.520	ug/L	96
70) Naphthalene	13.53	128	12777	0.290	ug/L	97
71) 1,2,3-Trichlorobenzene	13.77	180	7798	0.462	ug/L	95

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

