

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016191.D
 Acq On : 26 May 2020 14:46
 Operator : SY/MD
 Sample : VSTD0.532
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.532

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 5:16:57 PM

Quant Time: May 27 02:11:38 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	92090	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	87867	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	41467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2844	0.54	ug/L	0.00
7) Chloroethane-d5	1.58	69	2803	0.58	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	5485	0.50	ug/L	0.00
20) 2-Butanone-d5	3.98	46	6726m	4.71	ug/L	0.00
24) Chloroform-d	4.38	84	5567	0.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	3122	0.50	ug/L	0.00
32) Benzene-d6	5.08	84	10616	0.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	3361	0.52	ug/L	0.00
41) Toluene-d8	7.34	98	9674	0.48	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.65	79	980	0.39	ug/L	0.00
48) 2-Hexanone-d5	8.13	63	4913	4.42	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	2478	0.54	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	3502	0.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3585	0.488 ug/L	91
3) Chloromethane	1.25	50	4367	0.578 ug/L	98
5) Vinyl chloride	1.32	62	3767	0.526 ug/L	95
6) Bromomethane	1.53	94	2015	0.494 ug/L	99
8) Chloroethane	1.60	64	1941	0.388 ug/L	83
9) Trichlorofluoromethane	1.76	101	4641	0.479 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2596	0.475 ug/L	98
12) 1,1-Dichloroethene	2.13	96	2590	0.498 ug/L	86
13) Acetone	2.25	43	4331m	4.611 ug/L	
14) Carbon disulfide	2.31	76	7828	0.462 ug/L	98
15) Methyl Acetate	2.47	43	1203	0.537 ug/L #	87
16) Methylene chloride	2.52	84	3683	0.598 ug/L	91
17) Methyl tert-butyl Ether	2.79	73	6147	0.459 ug/L #	92
18) trans-1,2-Dichloroethene	2.78	96	2926	0.512 ug/L	98
19) 1,1-Dichloroethane	3.21	63	4969	0.455 ug/L	94
21) 2-Butanone	4.07	43	7199m	4.850 ug/L	
22) cis-1,2-Dichloroethene	3.94	96	3769	0.619 ug/L	96
23) Bromochloromethane	4.28	128	1198m	0.469 ug/L	
25) Chloroform	4.41	83	5413	0.451 ug/L	96
27) 1,2-Dichloroethane	5.16	62	3734	0.497 ug/L #	92
29) 1,1,1-Trichloroethane	4.63	97	4617	0.465 ug/L	100
30) Cyclohexane	4.69	56	5036	0.499 ug/L #	92
31) Carbon tetrachloride	4.85	117	3918	0.457 ug/L	99
33) Benzene	5.12	78	11369	0.495 ug/L	100
34) Trichloroethene	5.94	95	2958	0.461 ug/L	96
35) Methylcyclohexane	6.15	83	4998	0.503 ug/L	96
37) 1,2-Dichloropropane	6.20	63	2775	0.475 ug/L #	88
38) Bromodichloromethane	6.54	83	3215	0.441 ug/L #	87
39) cis-1,3-Dichloropropene	7.05	75	3447	0.421 ug/L	87
40) 4-Methyl-2-pentanone	7.26	43	15800	4.370 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.41	91	12494	0.512	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	9927	0.440	ug/L	96
44) 1,2,4-Trimethylbenzene	10.94	105	10476	0.464	ug/L	99
46) trans-1,3-Dichloropropene	7.68	75	2766	0.400	ug/L	98
47) 1,1,2-Trichloroethane	7.87	97	1622	0.418	ug/L	93
49) Tetrachloroethene	8.00	164	2013	0.445	ug/L	93
50) 2-Hexanone	8.17	43	10584	4.164	ug/L	99
51) Dibromochloromethane	8.27	129	1722	0.404	ug/L	89
52) 1,2-Dibromoethane	8.38	107	1570	0.438	ug/L #	86
53) Chlorobenzene	8.90	112	7548	0.483	ug/L	96
54) Ethylbenzene	9.03	91	13227	0.475	ug/L	97
55) m,p-xylene	9.16	106	4658	0.453	ug/L	98
56) o-xylene	9.57	106	4718	0.480	ug/L	78
57) Styrene	9.58	104	7141	0.434	ug/L	97
58) Isopropylbenzene	9.95	105	12581	0.467	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.27	83	2249	0.528	ug/L	89
62) Bromoform	9.75	173	655	0.341	ug/L #	77
63) 1,3-Dichlorobenzene	11.21	146	5498	0.475	ug/L	95
64) 1,4-Dichlorobenzene	11.30	146	6108	0.523	ug/L	93
66) 1,2-Dichlorobenzene	11.67	146	5138	0.490	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	283	0.407	ug/L	92
68) 1,3,5-Trichlorobenzene	12.67	180	3794	0.450	ug/L	96
69) 1,2,4-trichlorobenzene	13.29	180	3352	0.461	ug/L	97
70) Naphthalene	13.53	128	9537	0.784	ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	3103	0.484	ug/L	95

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

