

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091719\
 Data File : VV012865.D
 Acq On : 17 Sep 2019 15:49
 Operator : SY/MD
 Sample : VSTD00135
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00135

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 8:10:22 AM

Quant Time: Sep 17 17:34:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 17 17:07:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	384108	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	374645	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	167587	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37377	1.29	ug/L	0.00
7) Chloroethane-d5	1.58	69	29604	1.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	56381	1.21	ug/L	0.00
20) 2-Butanone-d5	3.99	46	64145	13.76	ug/L	0.00
24) Chloroform-d	4.40	84	62390	1.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	29819	1.36	ug/L	0.00
32) Benzene-d6	5.10	84	116987	1.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	35820	1.29	ug/L	0.00
41) Toluene-d8	7.36	98	98394	1.21	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	12322	1.34	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	39005	12.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26958	1.60	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	34525	1.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	24485	0.884 ug/L	98
3) Chloromethane	1.25	50	27445	0.981 ug/L	99
5) Vinyl chloride	1.32	62	32910	1.050 ug/L	99
6) Bromomethane	1.53	94	15882	0.993 ug/L	93
8) Chloroethane	1.60	64	17008	1.007 ug/L	100
9) Trichlorofluoromethane	1.77	101	39125	1.020 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	24046	1.060 ug/L	99
12) 1,1-Dichloroethene	2.14	96	21945	1.051 ug/L	89
13) Acetone	2.24	43	43187m	14.262 ug/L	
14) Carbon disulfide	2.31	76	43153	0.972 ug/L	98
15) Methyl Acetate	2.47	43	9073	1.005 ug/L #	69
16) Methylene chloride	2.53	84	26999	1.084 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	55803	1.006 ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	24043	1.058 ug/L	96
19) 1,1-Dichloroethane	3.23	63	49130	1.043 ug/L	99
21) 2-Butanone	4.07	43	55081m	9.815 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	26030	1.027 ug/L	97
23) Bromochloromethane	4.30	128	11732	1.068 ug/L	95
25) Chloroform	4.43	83	56351	1.069 ug/L	96
27) 1,2-Dichloroethane	5.18	62	27735	1.009 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	39255	1.021 ug/L	98
30) Cyclohexane	4.72	56	30883	0.954 ug/L	97
31) Carbon tetrachloride	4.87	117	33193	1.021 ug/L	96
33) Benzene	5.14	78	97562	1.031 ug/L	100
34) Trichloroethene	5.96	95	25573	0.963 ug/L	95
35) Methylcyclohexane	6.17	83	29049	0.878 ug/L	93
37) 1,2-Dichloropropane	6.22	63	26166	1.021 ug/L #	96
38) Bromodichloromethane	6.56	83	33882	1.023 ug/L	92
39) cis-1,3-Dichloropropene	7.07	75	31213	0.975 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	136853	9.301 ug/L	98

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42) Toluene	7.43	91	96328	0.994	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	25218	0.989	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	19334	1.053	ug/L	95
47) Tetrachloroethene	8.02	164	19340	0.979	ug/L	98
48) 2-Hexanone	8.19	43	100513	9.041	ug/L	96
49) Dibromochloromethane	8.29	129	21359	1.021	ug/L	99
50) 1,2-Dibromoethane	8.40	107	16543	1.080	ug/L	93
51) Chlorobenzene	8.92	112	68832	1.031	ug/L	98
52) Ethylbenzene	9.05	91	97405	0.942	ug/L	100
53) m,p-xylene	9.18	106	35132	0.915	ug/L	96
54) o-xylene	9.59	106	34911	0.935	ug/L	98
55) Styrene	9.60	104	55045	0.868	ug/L	98
56) Isopropylbenzene	9.97	105	90796	0.905	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	23456	1.271	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	16518	1.069	ug/L	99
61) Bromoform	9.77	173	11309	1.059	ug/L	93
62) 1,3-Dichlorobenzene	11.23	146	49795	1.038	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	50377	1.012	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	49177	1.052	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.47	75	3609	1.486	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	38530	1.036	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	29396	1.044	ug/L	98
69) Naphthalene	13.55	128	38045	0.931	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	28896	1.052	ug/L	99

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

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