

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062119\
 Data File : VV011634.D
 Acq On : 20 Jun 2019 10:37
 Operator : SY/MD
 Sample : VSTD0.532
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.532

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 9:42:13 AM

Quant Time: Jun 21 01:32:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 01:26:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	196249	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	178867	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	76787	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6284	0.43	ug/L	0.00
7) Chloroethane-d5	1.57	69	4740	0.50	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.12	63	13474	0.48	ug/L	0.00
20) 2-Butanone-d5	3.96	46	15046	3.70	ug/L	0.00
24) Chloroform-d	4.40	84	11455	0.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	6734	0.43	ug/L	0.00
32) Benzene-d6	5.09	84	24051	0.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	7335	0.44	ug/L	0.00
41) Toluene-d8	7.36	98	20365	0.43	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2373	0.42	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	10432	3.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	4904	0.39	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	7523	0.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	11022	0.608 ug/L	93
3) Chloromethane	1.25	50	10571	0.558 ug/L	100
5) Vinyl chloride	1.32	62	9907	0.531 ug/L	91
6) Bromomethane	1.52	94	4548	0.579 ug/L	96
8) Chloroethane	1.59	64	5371m	0.578 ug/L	
9) Trichlorofluoromethane	1.76	101	12861	0.612 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	7283	0.603 ug/L	99
12) 1,1-Dichloroethene	2.13	96	6429	0.523 ug/L	97
13) Acetone	2.20	43	14008	5.070 ug/L	93
14) Carbon disulfide	2.31	76	17655	0.538 ug/L #	94
15) Methyl Acetate	2.46	43	3435	0.477 ug/L #	87
16) Methylene chloride	2.53	84	8064	0.586 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	16580	0.461 ug/L	92
18) trans-1,2-Dichloroethene	2.78	96	7505	0.542 ug/L	98
19) 1,1-Dichloroethane	3.22	63	15589	0.548 ug/L	95
21) 2-Butanone	4.04	43	20040	4.576 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	8497	0.543 ug/L	100
23) Bromochloromethane	4.30	128	3294	0.537 ug/L	88
25) Chloroform	4.42	83	16282	0.557 ug/L	96
27) 1,2-Dichloroethane	5.18	62	10037	0.501 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	11868	0.533 ug/L #	77
30) Cyclohexane	4.72	56	14044	0.593 ug/L	100
31) Carbon tetrachloride	4.87	117	9984	0.550 ug/L	98
33) Benzene	5.14	78	30653	0.525 ug/L	100
34) Trichloroethene	5.96	95	8679	0.581 ug/L	98
35) Methylcyclohexane	6.17	83	13495	0.616 ug/L	95
37) 1,2-Dichloropropane	6.22	63	8438	0.546 ug/L	100
38) Bromodichloromethane	6.55	83	8627	0.495 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	9344	0.478 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	45107	4.182 ug/L	99

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42) Toluene	7.43	91	31288	0.515	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	6380	0.427	ug/L	89
45) 1,1,2-Trichloroethane	7.88	97	5134	0.503	ug/L	91
47) Tetrachloroethene	8.01	164	6182	0.569	ug/L	86
48) 2-Hexanone	8.19	43	31517	4.152	ug/L	98
49) Dibromochloromethane	8.29	129	4193	0.409	ug/L	99
50) 1,2-Dibromoethane	8.40	107	4397	0.475	ug/L #	89
51) Chlorobenzene	8.92	112	20526	0.550	ug/L	97
52) Ethylbenzene	9.05	91	34060	0.528	ug/L	98
53) m,p-xylene	9.18	106	12523	0.530	ug/L	96
54) o-xylene	9.59	106	12066	0.513	ug/L	97
55) Styrene	9.60	104	17595	0.453	ug/L	93
56) Isopropylbenzene	9.97	105	32812	0.541	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	6046	0.486	ug/L #	94
59) 1,2,3-Trichloropropane	10.32	75	4776	0.499	ug/L	97
61) Bromoform	9.77	173	2208	0.462	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	14086	0.560	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	15399	0.604	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	13404	0.536	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	787	0.455	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	10327	0.563	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	7993	0.548	ug/L	97
69) Naphthalene	13.55	128	13045	0.469	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	7763	0.551	ug/L	95

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

