

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012622.D
 Acq On : 09 Sep 2019 14:15
 Operator : SY/MD
 Sample : VSTD0.532
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.532

Quant Time: Sep 10 09:24:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	483682	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	465477	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	212924	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18114	0.55	ug/L	0.00
7) Chloroethane-d5	1.58	69	15903	0.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	28929	0.55	ug/L	0.00
20) 2-Butanone-d5	3.98	46	36971	4.68	ug/L	0.01
24) Chloroform-d	4.40	84	32669	0.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	15342	0.54	ug/L	0.00
32) Benzene-d6	5.09	84	57665	0.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	18790	0.53	ug/L	0.00
41) Toluene-d8	7.36	98	48484	0.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	5990	0.49	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	16907	3.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	12449	0.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	20155	0.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	22075	0.541 ug/L	100
3) Chloromethane	1.25	50	22810	0.554 ug/L	97
5) Vinyl chloride	1.32	62	22558	0.537 ug/L	100
6) Bromomethane	1.53	94	12108	0.525 ug/L	97
8) Chloroethane	1.60	64	13846	0.557 ug/L	92
9) Trichlorofluoromethane	1.77	101	28689	0.544 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	17333	0.549 ug/L	98
12) 1,1-Dichloroethene	2.14	96	17118	0.570 ug/L	94
13) Acetone	2.23	43	25323	5.472 ug/L	59
14) Carbon disulfide	2.32	76	43065	0.533 ug/L	97
15) Methyl Acetate	2.47	43	6859	0.551 ug/L	97
16) Methylene chloride	2.53	84	26150	0.712 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	35281	0.501 ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	17901	0.530 ug/L	96
19) 1,1-Dichloroethane	3.23	63	32675	0.514 ug/L	96
21) 2-Butanone	4.06	43	33022	4.161 ug/L #	68
22) cis-1,2-Dichloroethene	3.96	96	18722	0.510 ug/L	95
23) Bromochloromethane	4.30	128	8019	0.511 ug/L	98
25) Chloroform	4.42	83	41985	0.599 ug/L	99
27) 1,2-Dichloroethane	5.18	62	18457	0.503 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	27451	0.536 ug/L	98
30) Cyclohexane	4.72	56	23585	0.462 ug/L	95
31) Carbon tetrachloride	4.87	117	23686	0.525 ug/L	100
33) Benzene	5.14	78	69072	0.508 ug/L	100
34) Trichloroethene	5.96	95	20770	0.552 ug/L	97
35) Methylcyclohexane	6.17	83	25521	0.480 ug/L	97
37) 1,2-Dichloropropane	6.22	63	16267	0.480 ug/L #	97
38) Bromodichloromethane	6.55	83	23832	0.543 ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	20884	0.470 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	79446	4.229 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	66270	0.469	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	15537	0.463	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	11775	0.499	ug/L	96
47) Tetrachloroethene	8.02	164	15828	0.536	ug/L	98
48) 2-Hexanone	8.19	43	55144	4.103	ug/L	94
49) Dibromochloromethane	8.29	129	13997	0.499	ug/L	99
50) 1,2-Dibromoethane	8.40	107	10224	0.489	ug/L	91
51) Chlorobenzene	8.92	112	47581	0.512	ug/L	99
52) Ethylbenzene	9.05	91	71003	0.467	ug/L	96
53) m,p-xylene	9.18	106	25161	0.438	ug/L	94
54) o-xylene	9.59	106	24208	0.440	ug/L	98
55) Styrene	9.60	104	36793	0.402	ug/L	99
56) Isopropylbenzene	9.97	105	64182	0.440	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	10698	0.455	ug/L	92
59) 1,2,3-Trichloropropane	10.32	75	9972	0.499	ug/L	93
61) Bromoform	9.77	173	7411	0.522	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	33942	0.515	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	36324	0.546	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	33207	0.535	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	1542	0.476	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	26799	0.536	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	20308	0.513	ug/L	97
69) Naphthalene	13.55	128	25291	0.423	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	18247	0.489	ug/L	96

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

