

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010514.D
 Acq On : 26 Apr 2019 20:23
 Operator : SY/MD
 Sample : VSTD01037
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01037

Quant Time: Apr 26 22:25:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 26 22:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	229441	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226907	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127556	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	114247	8.70	ug/L	0.00
7) Chloroethane-d5	1.56	69	75057	8.22	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.13	63	219118	8.72	ug/L	0.00
20) 2-Butanone-d5	3.94	46	334469	114.15	ug/L	-0.01
24) Chloroform-d	4.40	84	315333	10.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	152010	10.72	ug/L	0.00
32) Benzene-d6	5.10	84	626609	11.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	169072	10.51	ug/L	0.00
41) Toluene-d8	7.36	98	627468	11.55	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	70504	11.18	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	336530	134.65	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	141471	11.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	268387	11.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	187690	10.356	ug/L 95
3) Chloromethane	1.25	50	119761	8.663	ug/L 99
5) Vinyl chloride	1.32	62	130999	8.704	ug/L 99
6) Bromomethane	1.52	94	51461	5.467	ug/L 95
8) Chloroethane	1.58	64	61923	7.751	ug/L 93
9) Trichlorofluoromethane	1.76	101	257017	9.085	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	126313	8.626	ug/L 99
12) 1,1-Dichloroethene	2.14	96	111112	8.348	ug/L 95
13) Acetone	2.19	43	143310	85.826	ug/L 97
14) Carbon disulfide	2.31	76	282924	7.942	ug/L 98
15) Methyl Acetate	2.46	43	41334	9.155	ug/L 99
16) Methylene chloride	2.53	84	159998	10.196	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	343708	10.532	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	163372	10.625	ug/L 95
19) 1,1-Dichloroethane	3.23	63	268668	10.860	ug/L 99
21) 2-Butanone	4.02	43	331098	110.275	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	179161	11.175	ug/L 97
23) Bromochloromethane	4.30	128	82930	11.567	ug/L 98
25) Chloroform	4.43	83	302133	10.515	ug/L 97
27) 1,2-Dichloroethane	5.18	62	174153	10.299	ug/L 97
29) 1,1,1-Trichloroethane	4.66	97	272821	10.352	ug/L 100
30) Cyclohexane	4.72	56	212715	9.780	ug/L 99
31) Carbon tetrachloride	4.87	117	267750	11.121	ug/L 99
33) Benzene	5.14	78	630856	10.851	ug/L 100
34) Trichloroethene	5.96	95	179912	10.752	ug/L 97
35) Methylcyclohexane	6.18	83	246229	10.190	ug/L 98
37) 1,2-Dichloropropane	6.22	63	142110	10.042	ug/L 97
38) Bromodichloromethane	6.55	83	202220	10.667	ug/L 96
39) cis-1,3-Dichloropropene	7.07	75	224041	10.856	ug/L 99
40) 4-Methyl-2-pentanone	7.27	43	822106	103.714	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	711304	10.724	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	174722	10.907	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	117985	11.160	ug/L	94
47) Tetrachloroethene	8.02	164	171625	11.298	ug/L	98
48) 2-Hexanone	8.18	43	600732	108.926	ug/L	96
49) Dibromochloromethane	8.29	129	155312	11.428	ug/L	98
50) 1,2-Dibromoethane	8.40	107	114558	11.255	ug/L	99
51) Chlorobenzene	8.92	112	486639	10.770	ug/L	99
52) Ethylbenzene	9.05	91	775170	10.681	ug/L	100
53) m,p-xylene	9.18	106	320128	11.290	ug/L	98
54) o-xylene	9.59	106	308792	10.984	ug/L	97
55) Styrene	9.60	104	522550	11.388	ug/L	97
56) Isopropylbenzene	9.97	105	796784	10.743	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	136222	11.238	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	95452	10.914	ug/L	99
61) Bromoform	9.77	173	84815	10.937	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	407293	10.260	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	417275	10.398	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	410032	10.781	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	21830	10.310	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	351482	10.756	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	284270	11.442	ug/L	99
69) Naphthalene	13.55	128	443520	11.888	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	281824	11.740	ug/L	100

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

