

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041319\
 Data File : VV010322.D
 Acq On : 13 Apr 2019 13:28
 Operator : SY/MD
 Sample : VSTD02036
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02036

Quant Time: Apr 13 13:50:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR041319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 13 12:55:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	163983	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	169403	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91848	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	156506	7.90	ug/L	0.00
7) Chloroethane-d5	1.58	69	160671	9.32	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	456633	9.71	ug/L	0.00
20) 2-Butanone-d5	3.95	46	440877	192.22	ug/L	0.00
24) Chloroform-d	4.40	84	391950	18.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	189228	19.69	ug/L	0.00
32) Benzene-d6	5.10	84	729014	16.56	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	220545	16.82	ug/L	0.00
41) Toluene-d8	7.36	98	734322	17.07	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	85177	17.40	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	407478	195.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	179470	17.70	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	303998	18.22	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	303533	20.519 ug/L	95
3) Chloromethane	1.25	50	242793	11.231 ug/L	100
5) Vinyl chloride	1.32	62	275131	11.562 ug/L	100
6) Bromomethane	1.52	94	193111	13.277 ug/L	97
8) Chloroethane	1.60	64	168602	10.210 ug/L	99
9) Trichlorofluoromethane	1.77	101	545540	10.963 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	288933	11.734 ug/L	94
12) 1,1-Dichloroethene	2.14	96	251988	11.524 ug/L	89
13) Acetone	2.19	43	362089	121.881 ug/L	# 55
14) Carbon disulfide	2.32	76	687420	11.369 ug/L	99
15) Methyl Acetate	2.46	43	87938	12.460 ug/L	94
16) Methylene chloride	2.54	84	246443	9.966 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	613324	12.142 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	265918	11.317 ug/L	98
19) 1,1-Dichloroethane	3.23	63	483250	11.846 ug/L	97
21) 2-Butanone	4.03	43	450052	192.809 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	241246	21.224 ug/L	99
23) Bromochloromethane	4.30	128	104162	22.602 ug/L	90
25) Chloroform	4.43	83	423272	21.300 ug/L	99
27) 1,2-Dichloroethane	5.18	62	242605	20.058 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	383118	20.956 ug/L	99
30) Cyclohexane	4.72	56	332956	17.570 ug/L	93
31) Carbon tetrachloride	4.87	117	361035	22.934 ug/L	96
33) Benzene	5.14	78	869589	18.277 ug/L	100
34) Trichloroethene	5.96	95	249239	20.709 ug/L	93
35) Methylcyclohexane	6.17	83	390194	18.943 ug/L	98
37) 1,2-Dichloropropane	6.22	63	201277	16.926 ug/L	98
38) Bromodichloromethane	6.56	83	282159	20.065 ug/L	# 96
39) cis-1,3-Dichloropropene	7.07	75	320547	19.925 ug/L	95
40) 4-Methyl-2-pentanone	7.28	43	1178213	169.544 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1020070	18.946	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	251608	19.561	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	151232	18.680	ug/L	98
47) Tetrachloroethene	8.02	164	227949	21.932	ug/L	90
48) 2-Hexanone	8.19	43	820573	167.836	ug/L	99
49) Dibromochloromethane	8.29	129	207173	22.138	ug/L	94
50) 1,2-Dibromoethane	8.40	107	150763	19.943	ug/L #	96
51) Chlorobenzene	8.93	112	680102	19.731	ug/L	96
52) Ethylbenzene	9.05	91	1147023	19.339	ug/L	99
53) m,p-xylene	9.18	106	460120	20.413	ug/L	95
54) o-xylene	9.59	106	443930	20.162	ug/L	94
55) Styrene	9.60	104	742877	20.751	ug/L	98
56) Isopropylbenzene	9.98	105	1213050	20.865	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	177864	17.734	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	124311	17.994	ug/L	100
61) Bromoform	9.77	173	111061	22.864	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	578326	19.788	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	584781	19.776	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	540758	19.659	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	25385	17.257	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	467096	21.109	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	368484	22.216	ug/L	98
69) Naphthalene	13.55	128	496686	19.072	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	325285	21.128	ug/L	98

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

