

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060419\
 Data File : VV011206.D
 Acq On : 04 Jun 2019 14:43
 Operator : SY/MD
 Sample : VSTD02041
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02041

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 9:08:49 AM

Quant Time: Jun 04 15:05:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 14:12:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	195396	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	185233	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86565	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	277933	24.21	ug/L	0.00
7) Chloroethane-d5	1.58	69	237137	32.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	560574	24.48	ug/L	0.00
20) 2-Butanone-d5	3.95	46	658969	244.35	ug/L	0.00
24) Chloroform-d	4.40	84	520791	20.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	268570	21.52	ug/L	0.00
32) Benzene-d6	5.09	84	1039410	21.87	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	319411	22.49	ug/L	0.00
41) Toluene-d8	7.36	98	965310	20.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	129954	25.74	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	529249	262.42	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	223480	21.10	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	317000	19.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	358826	20.161	ug/L 98
3) Chloromethane	1.25	50	341326	22.574	ug/L 100
5) Vinyl chloride	1.32	62	336881	22.060	ug/L 95
6) Bromomethane	1.53	94	171067	18.600	ug/L 97
8) Chloroethane	1.59	64	221714m	33.131	ug/L
9) Trichlorofluoromethane	1.76	101	450418	18.452	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	236768	18.450	ug/L 99
12) 1,1-Dichloroethene	2.13	96	227002	19.469	ug/L 95
13) Acetone	2.21	43	410974	256.641	ug/L 99
14) Carbon disulfide	2.31	76	707435	22.171	ug/L 100
15) Methyl Acetate	2.47	43	103709	20.934	ug/L 96
16) Methylene chloride	2.53	84	235180	16.894	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	636983	23.008	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	260750	19.522	ug/L 98
19) 1,1-Dichloroethane	3.22	63	508077	20.773	ug/L 99
21) 2-Butanone	4.04	43	700992	257.567	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	288567	20.127	ug/L 97
23) Bromochloromethane	4.30	128	109523	18.039	ug/L 96
25) Chloroform	4.42	83	512842	19.621	ug/L 99
27) 1,2-Dichloroethane	5.18	62	322853	21.567	ug/L 99
29) 1,1,1-Trichloroethane	4.65	97	441213	20.741	ug/L 100
30) Cyclohexane	4.72	56	484141	24.183	ug/L 100
31) Carbon tetrachloride	4.87	117	379311	19.927	ug/L 97
33) Benzene	5.14	78	1102080	21.593	ug/L 100
34) Trichloroethene	5.96	95	286733	19.951	ug/L 99
35) Methylcyclohexane	6.17	83	467777	22.468	ug/L 98
37) 1,2-Dichloropropane	6.22	63	280600	22.497	ug/L 99
38) Bromodichloromethane	6.55	83	358260	22.527	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	437364	25.872	ug/L 99
40) 4-Methyl-2-pentanone	7.28	43	1819424	265.713	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060419\
 Data File : VV011206.D
 Acq On : 04 Jun 2019 14:43
 Operator : SY/MD
 Sample : VSTD02041
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02041

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 9:08:49 AM

Quant Time: Jun 04 15:05:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 14:12:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1176182	20.599	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	333147	25.266	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	178400	20.131	ug/L	98
47) Tetrachloroethene	8.02	164	204229	18.004	ug/L	99
48) 2-Hexanone	8.19	43	1334514	271.706	ug/L	99
49) Dibromochloromethane	8.29	129	218359	21.160	ug/L	99
50) 1,2-Dibromoethane	8.40	107	167868	21.199	ug/L	98
51) Chlorobenzene	8.92	112	720487	19.406	ug/L	99
52) Ethylbenzene	9.05	91	1329572	21.955	ug/L	99
53) m,p-xylene	9.18	106	495885	21.379	ug/L	99
54) o-xylene	9.59	106	485548	21.501	ug/L	99
55) Styrene	9.60	104	813581	21.715	ug/L	97
56) Isopropylbenzene	9.97	105	1304649	22.261	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	216976	21.677	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	161820	22.813	ug/L	98
61) Bromoform	9.77	173	109180	20.919	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	538802	19.398	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	527553	19.060	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	496464	18.803	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	37178	24.564	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	398875	19.141	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	330179	21.118	ug/L	97
69) Naphthalene	13.55	128	601099	25.136	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	295701	21.207	ug/L	98

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

