

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060419\
 Data File : VV011202.D
 Acq On : 04 Jun 2019 13:02
 Operator : SY/MD
 Sample : VSTD0.537
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.537

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 9:08:45 AM

Quant Time: Jun 04 14:19:17 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	191614	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77537	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8062	0.72	ug/L	0.00
7) Chloroethane-d5	1.58	69	6984	0.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	14925	0.66	ug/L	0.00
20) 2-Butanone-d5	3.97	46	16292	6.16	ug/L	0.00
24) Chloroform-d	4.40	84	13420	0.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	7340	0.60	ug/L	0.00
32) Benzene-d6	5.10	84	28260	0.63	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	8903	0.67	ug/L	0.00
41) Toluene-d8	7.36	98	25540	0.59	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3106	0.65	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	13377	7.06	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	5898	0.59	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	8285	0.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	10312	0.591 ug/L	96
3) Chloromethane	1.25	50	10510	0.709 ug/L	98
5) Vinyl chloride	1.32	62	9469	0.632 ug/L #	46
6) Bromomethane	1.53	94	5083	0.564 ug/L	99
8) Chloroethane	1.60	64	6316m	0.962 ug/L	
9) Trichlorofluoromethane	1.76	101	13144	0.549 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6860	0.545 ug/L	99
12) 1,1-Dichloroethene	2.14	96	6540	0.572 ug/L	98
13) Acetone	2.21	43	12332	7.853 ug/L	87
14) Carbon disulfide	2.31	76	19957	0.638 ug/L #	94
15) Methyl Acetate	2.47	43	3712	0.764 ug/L	99
16) Methylene chloride	2.53	84	6820	0.500 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	17030	0.627 ug/L #	93
18) trans-1,2-Dichloroethene	2.78	96	7072	0.540 ug/L	90
19) 1,1-Dichloroethane	3.23	63	14900	0.621 ug/L	98
21) 2-Butanone	4.05	43	15992	5.992 ug/L	87
22) cis-1,2-Dichloroethene	3.96	96	8239	0.586 ug/L	85
23) Bromochloromethane	4.30	128	3269m	0.549 ug/L	
25) Chloroform	4.43	83	14573	0.569 ug/L	99
27) 1,2-Dichloroethane	5.18	62	9211	0.627 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	12165	0.609 ug/L	97
30) Cyclohexane	4.72	56	13807	0.734 ug/L	100
31) Carbon tetrachloride	4.87	117	9851	0.551 ug/L	92
33) Benzene	5.15	78	29883	0.623 ug/L	100
34) Trichloroethene	5.96	95	7685	0.569 ug/L	98
35) Methylcyclohexane	6.17	83	13206	0.675 ug/L	96
37) 1,2-Dichloropropane	6.22	63	7556	0.645 ug/L #	93
38) Bromodichloromethane	6.55	83	8910	0.596 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	10576	0.666 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	45131	7.015 ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060419\
 Data File : VV011202.D
 Acq On : 04 Jun 2019 13:02
 Operator : SY/MD
 Sample : VSTD0.537
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.537

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 9:08:45 AM

Quant Time: Jun 04 14:19:17 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	31286	0.583	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	7778	0.628	ug/L	94
45) 1,1,2-Trichloroethane	7.89	97	4797	0.576	ug/L	95
47) Tetrachloroethene	8.02	164	5530	0.519	ug/L	97
48) 2-Hexanone	8.19	43	30078	6.518	ug/L	99
49) Dibromochloromethane	8.29	129	4941	0.510	ug/L	92
50) 1,2-Dibromoethane	8.40	107	4445	0.597	ug/L #	95
51) Chlorobenzene	8.93	112	19607	0.562	ug/L	99
52) Ethylbenzene	9.05	91	34127	0.600	ug/L	98
53) m,p-xylene	9.18	106	12459	0.572	ug/L	96
54) o-xylene	9.59	106	12427	0.586	ug/L	98
55) Styrene	9.60	104	19198	0.545	ug/L	94
56) Isopropylbenzene	9.97	105	34190	0.621	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	5734	0.610	ug/L	94
59) 1,2,3-Trichloropropane	10.32	75	4391	0.659	ug/L	97
61) Bromoform	9.77	173	2207	0.472	ug/L #	80
62) 1,3-Dichlorobenzene	11.23	146	14026	0.564	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	13238	0.534	ug/L	93
65) 1,2-Dichlorobenzene	11.69	146	12298	0.520	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	932	0.687	ug/L	84
67) 1,3,5-Trichlorobenzene	12.69	180	9547	0.511	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	6716	0.480	ug/L	92
69) Naphthalene	13.56	128	9523	0.445	ug/L	96
70) 1,2,3-Trichlorobenzene	13.79	180	5887	0.471	ug/L	93

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

