

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062518\
 Data File : VV006429.D
 Acq On : 25 Jun 2018 12:39
 Operator : SY/MD
 Sample : VSTD02084
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02084

Manual Integrations
 APPROVED

MMDadoda
 6/27/2018 7:25:30 PM

Quant Time: Jun 26 06:43:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 26 06:00:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	346721	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	319945	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	160307	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	451253	19.80	ug/L	0.00
7) Chloroethane-d5	1.59	69	357000	19.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	782935	19.39	ug/L	0.00
20) 2-Butanone-d5	3.97	46	872084	209.52	ug/L	0.00
24) Chloroform-d	4.41	84	772259	19.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	359089	19.74	ug/L	0.00
32) Benzene-d6	5.11	84	1642897	19.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	489624	19.72	ug/L	0.00
41) Toluene-d8	7.37	98	1583537	20.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	193764	21.20	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	855137	236.07	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	325611	21.37	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	579996	19.47	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	488255m	19.21	ug/L	
3) Chloromethane	1.26	50	482914	18.54	ug/L	99
5) Vinyl chloride	1.32	62	541064	19.12	ug/L	100
6) Bromomethane	1.54	94	313377	19.12	ug/L	100
8) Chloroethane	1.60	64	330358	18.41	ug/L	99
9) Trichlorofluoromethane	1.77	101	637366	18.74	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	412825	19.32	ug/L	99
12) 1,1-Dichloroethene	2.14	96	393965	18.79	ug/L	99
13) Acetone	2.23	43	522673	199.61	ug/L	98
14) Carbon disulfide	2.32	76	1160895	19.61	ug/L	99
15) Methyl Acetate	2.48	43	152709	19.81	ug/L	98
16) Methylene chloride	2.54	84	424808	17.30	ug/L	99
17) Methyl tert-butyl Ether	2.82	73	968359	19.05	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	432550	18.84	ug/L	100
19) 1,1-Dichloroethane	3.23	63	767131	18.76	ug/L	99
21) 2-Butanone	4.06	43	901015	199.46	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	488249	19.34	ug/L	99
23) Bromochloromethane	4.31	128	197271	19.23	ug/L	98
25) Chloroform	4.44	83	783045	19.00	ug/L	99
27) 1,2-Dichloroethane	5.19	62	441311	19.06	ug/L	100
29) 1,1,1-Trichloroethane	4.67	97	669669	19.19	ug/L	99
30) Cyclohexane	4.73	56	687127	19.70	ug/L	99
31) Carbon tetrachloride	4.88	117	570592	19.50	ug/L	99
33) Benzene	5.15	78	1781205	18.85	ug/L	100
34) Trichloroethene	5.96	95	483947	17.90	ug/L	99
35) Methylcyclohexane	6.18	83	784844	19.97	ug/L	99
37) 1,2-Dichloropropane	6.23	63	435807	18.87	ug/L	100
38) Bromodichloromethane	6.56	83	532821	20.05	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	664410	20.68	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	2159426	192.19	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062518\
 Data File : VV006429.D
 Acq On : 25 Jun 2018 12:39
 Operator : SY/MD
 Sample : VSTD02084
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02084

Manual Integrations
 APPROVED

MMDadoda
 6/27/2018 7:25:30 PM

Quant Time: Jun 26 06:43:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 26 06:00:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1908045	19.07	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	526332	20.88	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	302147	18.95	ug/L	98
47) Tetrachloroethene	8.03	164	390055	19.10	ug/L	99
48) 2-Hexanone	8.19	43	1548758	191.60	ug/L	99
49) Dibromochloromethane	8.30	129	356753	20.98	ug/L	100
50) 1,2-Dibromoethane	8.40	107	281839	19.66	ug/L	97
51) Chlorobenzene	8.93	112	1259832	19.03	ug/L	99
52) Ethylbenzene	9.06	91	2143189	19.78	ug/L	99
53) m,p-xylene	9.19	106	838177	20.06	ug/L	99
54) o-xylene	9.59	106	822711	20.07	ug/L	99
55) Styrene	9.61	104	1382189	20.61	ug/L	100
56) Isopropylbenzene	9.98	105	2153786	20.17	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	312996	20.81	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	240223	19.13	ug/L	99
61) Bromoform	9.78	173	186875	20.77	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	1007100	19.07	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	994748	18.83	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	926903	18.76	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	47846	22.78	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	793800	19.78	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	656130	22.30	ug/L	99
69) Naphthalene	13.56	128	1076683	25.04	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	593473	21.67	ug/L	100

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

