

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071718\
 Data File : VV006613.D
 Acq On : 17 Jul 2018 12:10
 Operator : SY/MD
 Sample : VSTD0.575
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.575

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 5:49:00 PM

7/18/2018 5:49:00 PM

Quant Time: Jul 17 13:47:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 13:43:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	247392	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	227166	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101274	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	13414	1.00	ug/L	0.00
7) Chloroethane-d5	1.58	69	9727	0.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	21734	0.87	ug/L	0.00
20) 2-Butanone-d5	3.96	46	18359	5.37	ug/L	0.00
24) Chloroform-d	4.41	84	20320	0.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	9935	0.81	ug/L	0.00
32) Benzene-d6	5.10	84	42547	0.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	13497	0.80	ug/L	0.00
41) Toluene-d8	7.37	98	37366	0.81	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4271	0.75	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	21362	7.42	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	9937	0.75	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	13236	0.76	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	12631m	0.65	ug/L	
3) Chloromethane	1.27	50	13064	0.55	ug/L	100
5) Vinyl chloride	1.32	62	14541	0.66	ug/L	95
6) Bromomethane	1.53	94	6379	0.62	ug/L	93
8) Chloroethane	1.60	64	9146	0.68	ug/L	99
9) Trichlorofluoromethane	1.77	101	16395	0.66	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	9695	0.63	ug/L	99
12) 1,1-Dichloroethene	2.14	96	9923	0.64	ug/L #	76
13) Acetone	2.20	43	17878	8.27	ug/L	98
14) Carbon disulfide	2.32	76	29585	0.64	ug/L	98
15) Methyl Acetate	2.47	43	6409	1.01	ug/L	99
16) Methylene chloride	2.54	84	15438	0.88	ug/L	92
17) Methyl tert-butyl Ether	2.82	73	25183	0.69	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	10744	0.64	ug/L	98
19) 1,1-Dichloroethane	3.23	63	19723	0.67	ug/L	97
21) 2-Butanone	4.05	43	28749	8.11	ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	10825	0.60	ug/L	99
23) Bromochloromethane	4.31	128	4303	0.58	ug/L	94
25) Chloroform	4.44	83	18500	0.63	ug/L	98
27) 1,2-Dichloroethane	5.19	62	10839	0.65	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	14147	0.59	ug/L	97
30) Cyclohexane	4.73	56	15908	0.63	ug/L	95
31) Carbon tetrachloride	4.88	117	11726	0.59	ug/L	95
33) Benzene	5.15	78	40987	0.60	ug/L	100
34) Trichloroethene	5.96	95	10314	0.59	ug/L	96
35) Methylcyclohexane	6.18	83	15423	0.55	ug/L	98
37) 1,2-Dichloropropane	6.23	63	10569	0.64	ug/L	100
38) Bromodichloromethane	6.57	83	11334	0.61	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	12528	0.56	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	56613	6.73	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	40419	0.57	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	9057	0.53	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	7307	0.63	ug/L	99
47) Tetrachloroethene	8.03	164	8248	0.58	ug/L	93
48) 2-Hexanone	8.20	43	39575	6.64	ug/L	95
49) Dibromochloromethane	8.30	129	6634	0.55	ug/L	96
50) 1,2-Dibromoethane	8.40	107	6316	0.60	ug/L	93
51) Chlorobenzene	8.93	112	27597	0.60	ug/L	98
52) Ethylbenzene	9.06	91	42304	0.56	ug/L	99
53) m,p-xylene	9.19	106	15998	0.55	ug/L	93
54) o-xylene	9.59	106	15211	0.54	ug/L	95
55) Styrene	9.61	104	24925	0.52	ug/L	98
56) Isopropylbenzene	9.98	105	38696	0.53	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	8683	0.63	ug/L	91
59) 1,2,3-Trichloropropane	10.33	75	6291	0.64	ug/L	93
61) Bromoform	9.78	173	3421	0.59	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	18915	0.59	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	19670	0.61	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	18618	0.60	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	1194	0.72	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	13888	0.55	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	11351	0.56	ug/L	98
69) Naphthalene	13.56	128	19807	0.58	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	10759	0.57	ug/L	99

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

