

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092018\
 Data File : VR025776.D
 Acq On : 20 Sep 2018 14:13
 Operator : SY/MD
 Sample : VSTD0.514
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.514

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 5:09:18 PM

Quant Time: Sep 20 14:52:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 20 12:33:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	466053	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	372312	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	142728	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	10682	0.53	ug/L	0.00
7) Chloroethane-d5	2.62	69	8547	0.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.62	63	31179	0.56	ug/L	0.00
20) 2-Butanone-d5	6.59	46	17783	8.69	ug/L	0.00
24) Chloroform-d	7.20	84	30035	0.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	11868	0.76	ug/L	0.00
32) Benzene-d6	7.85	84	48850	0.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	15411	0.57	ug/L	0.00
41) Toluene-d8	9.97	98	40072	0.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	6115	0.91	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	17404	8.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	6890	0.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	10083	0.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	26288	1.106 ug/L	91
3) Chloromethane	2.01	50	31269	1.072 ug/L	97
5) Vinyl chloride	2.16	62	30336	1.046 ug/L	92
6) Bromomethane	2.51	94	16697	0.804 ug/L	74
8) Chloroethane	2.66	64	16037	0.942 ug/L	97
9) Trichlorofluoromethane	2.99	101	32211m	0.603 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	20595	0.715 ug/L	96
12) 1,1-Dichloroethene	3.62	96	23064	0.759 ug/L	80
13) Acetone	3.70	43	11625	8.434 ug/L	86
14) Carbon disulfide	3.93	76	72939	1.017 ug/L	100
15) Methyl Acetate	4.21	43	6753	1.374 ug/L #	58
16) Methylene chloride	4.41	84	19250	0.715 ug/L	94
17) Methyl tert-butyl Ether	4.89	73	41429	1.108 ug/L	94
18) trans-1,2-Dichloroethene	4.89	96	26567	0.715 ug/L	90
19) 1,1-Dichloroethane	5.69	63	55013	0.960 ug/L	90
21) 2-Butanone	6.70	43	30109	10.350 ug/L	83
22) cis-1,2-Dichloroethene	6.68	96	26638	0.824 ug/L #	88
23) Bromochloromethane	7.04	128	7554	0.681 ug/L	81
25) Chloroform	7.23	83	51549	0.985 ug/L	89
27) 1,2-Dichloroethane	7.99	62	25014	1.211 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	46811	1.262 ug/L	99
30) Cyclohexane	7.52	56	51527	1.156 ug/L	97
31) Carbon tetrachloride	7.63	117	40799	1.135 ug/L	97
33) Benzene	7.90	78	110070	0.830 ug/L	100
34) Trichloroethene	8.71	95	30114	0.937 ug/L	88
35) Methylcyclohexane	8.95	83	50150	1.011 ug/L	99
37) 1,2-Dichloropropane	8.99	63	23348	0.781 ug/L	99
38) Bromodichloromethane	9.28	83	28449	1.059 ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	32520	1.063 ug/L	94
40) 4-Methyl-2-pentanone	9.87	43	87043	11.776 ug/L	99

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42) Toluene	10.03	91	111479	0.821	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	22775	1.059	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	10072	0.719	ug/L	87
47) Tetrachloroethene	10.51	164	17884	0.679	ug/L	95
48) 2-Hexanone	10.63	43	54026	10.422	ug/L	97
49) Dibromochloromethane	10.79	129	11762	0.788	ug/L	96
50) 1,2-Dibromoethane	10.89	107	8960	0.805	ug/L #	92
51) Chlorobenzene	11.32	112	60520	0.709	ug/L	97
52) Ethylbenzene	11.39	91	132982	0.909	ug/L	99
53) m,p-Xylene	11.50	106	47656	0.810	ug/L	99
54) o-Xylene	11.83	106	43104	0.831	ug/L	91
55) Styrene	11.84	104	67155	0.804	ug/L	99
56) Isopropylbenzene	12.13	105	124687	0.965	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	10931	0.801	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	8440	0.920	ug/L	94
61) Bromoform	12.00	173	4679	0.766	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	39198	0.879	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	36419	0.718	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	29041	0.755	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.14	75	1713	1.514	ug/L #	70
67) 1,3,5-Trichlorobenzene	14.29	180	22020	0.831	ug/L	94
68) 1,2,4-trichlorobenzene	14.79	180	13734	0.845	ug/L	95
69) Naphthalene	15.00	128	21935	1.206	ug/L	95
70) 1,2,3-Trichlorobenzene	15.18	180	10595	0.823	ug/L	92

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

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