

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR082118\
 Data File : VR025626.D
 Acq On : 21 Aug 2018 13:42
 Operator : SY/MD
 Sample : VSTD01084
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD01084

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 10:49:53 AM

Quant Time: Aug 21 16:44:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 16:35:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	537253	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	458394	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	185476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	344521	9.35	ug/L	0.00
7) Chloroethane-d5	2.62	69	297643	11.25	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.62	63	860088	9.90	ug/L	0.00
20) 2-Butanone-d5	6.59	46	259157	74.07	ug/L	0.00
24) Chloroform-d	7.20	84	618404	9.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	210857	8.82	ug/L	0.00
32) Benzene-d6	7.86	84	1531285	12.31	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	390277	11.28	ug/L	0.00
41) Toluene-d8	9.97	98	1418178	11.61	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	97806	11.75	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	359260	115.47	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	176864	9.91	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	299873	9.55	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	297259	9.47	ug/L	98
3) Chloromethane	2.01	50	442975	9.37	ug/L	100
5) Vinyl chloride	2.17	62	431822	10.15	ug/L	99
6) Bromomethane	2.52	94	286702	13.95	ug/L	92
8) Chloroethane	2.66	64	262398	11.67	ug/L	93
9) Trichlorofluoromethane	2.93	101	630884m	10.20	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	372970	9.32	ug/L	99
12) 1,1-Dichloroethene	3.64	96	410532	9.28	ug/L	84
13) Acetone	3.70	43	144740	40.38	ug/L	97
14) Carbon disulfide	3.95	76	1140718	12.50	ug/L	99
15) Methyl Acetate	4.19	43	52449	5.56	ug/L #	90
16) Methylene chloride	4.40	84	359230	8.77	ug/L	97
17) Methyl tert-butyl Ether	4.89	73	459621	9.89	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	452527	10.84	ug/L	92
19) 1,1-Dichloroethane	5.69	63	704970	11.87	ug/L	96
21) 2-Butanone	6.69	43	342322	78.55	ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	422953	11.26	ug/L #	88
23) Bromochloromethane	7.05	128	120549	8.45	ug/L	98
25) Chloroform	7.23	83	616451	9.91	ug/L	100
27) 1,2-Dichloroethane	7.99	62	231123	9.20	ug/L	96
29) 1,1,1-Trichloroethane	7.43	97	442306	11.37	ug/L	98
30) Cyclohexane	7.52	56	640106	16.70	ug/L	100
31) Carbon tetrachloride	7.64	117	386028	9.44	ug/L	98
33) Benzene	7.91	78	1746795	12.21	ug/L	100
34) Trichloroethene	8.71	95	388367	11.45	ug/L	98
35) Methylcyclohexane	8.96	83	680843	14.78	ug/L	99
37) 1,2-Dichloropropane	8.99	63	363828	11.13	ug/L	99
38) Bromodichloromethane	9.28	83	324621	9.98	ug/L	100
39) cis-1,3-Dichloropropene	9.72	75	428201	13.29	ug/L	97
40) 4-Methyl-2-pentanone	9.86	43	1019687	103.77	ug/L	99

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42) Toluene	10.03	91	1754572	11.38	ug/L	100
44) trans-1,3-Dichloropropene	10.27	75	300515	12.57	ug/L	99
45) 1,1,2-Trichloroethane	10.44	97	161998	9.36	ug/L	96
47) Tetrachloroethene	10.52	164	290880	9.70	ug/L	97
48) 2-Hexanone	10.64	43	695875	101.00	ug/L	99
49) Dibromochloromethane	10.78	129	187630	9.16	ug/L	99
50) 1,2-Dibromoethane	10.89	107	135087	9.14	ug/L	91
51) Chlorobenzene	11.31	112	1010888	10.28	ug/L	95
52) Ethylbenzene	11.39	91	1915667	12.32	ug/L	97
53) m,p-Xylene	11.51	106	767028	12.46	ug/L	99
54) o-Xylene	11.83	106	725857	12.65	ug/L	100
55) Styrene	11.85	104	1160993	12.27	ug/L	95
56) Isopropylbenzene	12.13	105	1822211	13.20	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.38	83	174950	10.05	ug/L	90
59) 1,2,3-Trichloropropane	12.44	75	117200	10.80	ug/L	92
61) Bromoform	12.01	173	76244	8.83	ug/L #	94
62) 1,3-Dichlorobenzene	13.16	146	606701	11.35	ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	615291	9.53	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	488668	9.59	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	13216	8.66	ug/L	89
67) 1,3,5-Trichlorobenzene	14.29	180	324366	9.01	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	212108	9.56	ug/L	100
69) Naphthalene	15.00	128	287782	11.08	ug/L	100
70) 1,2,3-Trichlorobenzene	15.18	180	160457	8.52	ug/L	96

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

