

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR082118\
 Data File : VR025627.D
 Acq On : 21 Aug 2018 14:15
 Operator : SY/MD
 Sample : VSTD02085
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD02085

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 10:49:57 AM

Quant Time: Aug 21 16:39:21 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	623204	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	556257	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	217310	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	719675	16.84	ug/L	0.00
7) Chloroethane-d5	2.62	69	606685	19.76	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.63	63	1823734	18.10	ug/L	0.00
20) 2-Butanone-d5	6.59	46	771064	189.98	ug/L	0.00
24) Chloroform-d	7.20	84	1424370	19.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	501198	18.07	ug/L	0.00
32) Benzene-d6	7.86	84	3561851	23.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	921528	21.95	ug/L	0.00
41) Toluene-d8	9.97	98	3396819	22.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	240789	23.83	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	889529	235.61	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	395954	18.29	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	701619	19.08	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	679733	18.66	ug/L	95
3) Chloromethane	2.02	50	933140	17.02	ug/L	100
5) Vinyl chloride	2.18	62	939696	19.03	ug/L	95
6) Bromomethane	2.52	94	613731	25.74	ug/L	92
8) Chloroethane	2.65	64	548852	21.05	ug/L	87
9) Trichlorofluoromethane	2.94	101	1439408m	20.06	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	816684	17.60	ug/L	98
12) 1,1-Dichloroethene	3.64	96	881803	17.18	ug/L	82
13) Acetone	3.70	43	430764	103.60	ug/L	97
14) Carbon disulfide	3.95	76	2555855	24.14	ug/L	98
15) Methyl Acetate	4.19	43	147224	13.46	ug/L	96
16) Methylene chloride	4.40	84	766430	16.13	ug/L	98
17) Methyl tert-butyl Ether	4.89	73	1125276	20.86	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	1059680	21.89	ug/L	88
19) 1,1-Dichloroethane	5.69	63	1638536	23.79	ug/L	99
21) 2-Butanone	6.69	43	919452	181.89	ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	981979	22.54	ug/L #	86
23) Bromochloromethane	7.05	128	281971	17.04	ug/L	98
25) Chloroform	7.23	83	1444614	20.02	ug/L	98
27) 1,2-Dichloroethane	7.99	62	551621	18.92	ug/L #	95
29) 1,1,1-Trichloroethane	7.43	97	1070692	22.69	ug/L	99
30) Cyclohexane	7.52	56	1590567	34.20	ug/L	99
31) Carbon tetrachloride	7.64	117	970051	19.56	ug/L	99
33) Benzene	7.91	78	4236285	24.41	ug/L	100
34) Trichloroethene	8.71	95	961367	23.35	ug/L	97
35) Methylcyclohexane	8.96	83	1673601	29.95	ug/L	96
37) 1,2-Dichloropropane	8.99	63	889295	22.42	ug/L	99
38) Bromodichloromethane	9.28	83	809161	20.49	ug/L	96
39) cis-1,3-Dichloropropene	9.72	75	1092647	27.95	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	2595890	217.69	ug/L	98

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42) Toluene	10.03	91	4438352	23.72	ug/L	99
44) trans-1,3-Dichloropropene	10.27	75	764580	26.35	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	395254	18.82	ug/L	95
47) Tetrachloroethene	10.52	164	715678	19.68	ug/L	96
48) 2-Hexanone	10.64	43	1723231	206.10	ug/L	98
49) Dibromochloromethane	10.78	129	462427	18.60	ug/L	95
50) 1,2-Dibromoethane	10.89	107	330322	18.42	ug/L	95
51) Chlorobenzene	11.31	112	2508195	21.02	ug/L	93
52) Ethylbenzene	11.39	91	4787891	25.37	ug/L	94
53) m,p-Xylene	11.51	106	1974491	26.44	ug/L	99
54) o-Xylene	11.83	106	1868970	26.85	ug/L	98
55) Styrene	11.85	104	2944823	25.65	ug/L	94
56) Isopropylbenzene	12.13	105	4628403	27.63	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.38	83	395476	18.72	ug/L	93
59) 1,2,3-Trichloropropane	12.44	75	267651	20.33	ug/L	97
61) Bromoform	12.01	173	186070	18.39	ug/L #	96
62) 1,3-Dichlorobenzene	13.16	146	1472589	23.50	ug/L	94
63) 1,4-Dichlorobenzene	13.24	146	1463774	19.35	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	1191712	19.96	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	31546	17.64	ug/L	97
67) 1,3,5-Trichlorobenzene	14.29	180	855313	20.28	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	552476	21.26	ug/L	98
69) Naphthalene	15.00	128	779975	25.63	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	404306	18.32	ug/L	96

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

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