

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR082118\
 Data File : VR025625.D
 Acq On : 21 Aug 2018 13:09
 Operator : SY/MD
 Sample : VSTD00583
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00583

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 10:49:52 AM

Quant Time: Aug 21 16:32:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 11:03:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	517113	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	436033	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	181241	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	167362	4.72	ug/L	0.01
7) Chloroethane-d5	2.62	69	146900	5.77	ug/L	-0.02
11) 1,1-Dichloroethene-d2	3.62	63	423198	5.06	ug/L	-0.02
20) 2-Butanone-d5	6.59	46	133067	39.51	ug/L	-0.01
24) Chloroform-d	7.20	84	296260	4.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	99008	4.30	ug/L	0.00
32) Benzene-d6	7.86	84	740456	6.26	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	183384	5.57	ug/L	0.00
41) Toluene-d8	9.97	98	677089	5.83	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	43613	5.51	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	155696	52.61	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83880	4.94	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	145562	4.75	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	143963	4.76	ug/L	100
3) Chloromethane	2.01	50	216256	4.75	ug/L	94
5) Vinyl chloride	2.17	62	211491	5.16	ug/L	97
6) Bromomethane	2.52	94	141049	7.13	ug/L	95
8) Chloroethane	2.65	64	130065	6.01	ug/L	89
9) Trichlorofluoromethane	2.94	101	295332m	4.96	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	188527	4.90	ug/L	93
12) 1,1-Dichloroethene	3.63	96	193113	4.53	ug/L	82
13) Acetone	3.70	43	87891	25.48	ug/L	92
14) Carbon disulfide	3.96	76	545148	6.21	ug/L	97
15) Methyl Acetate	4.21	43	30665	3.38	ug/L	100
16) Methylene chloride	4.41	84	174486	4.43	ug/L	96
17) Methyl tert-butyl Ether	4.89	73	218359	4.88	ug/L	97
18) trans-1,2-Dichloroethene	4.89	96	216917	5.40	ug/L	92
19) 1,1-Dichloroethane	5.69	63	325631	5.70	ug/L	95
21) 2-Butanone	6.69	43	165475	39.45	ug/L	100
22) cis-1,2-Dichloroethene	6.68	96	196781	5.44	ug/L #	98
23) Bromochloromethane	7.05	128	59217	4.31	ug/L #	79
25) Chloroform	7.23	83	288662	4.82	ug/L	98
27) 1,2-Dichloroethane	8.00	62	114914	4.75	ug/L #	93
29) 1,1,1-Trichloroethane	7.44	97	209874	5.67	ug/L	95
30) Cyclohexane	7.52	56	299599	8.22	ug/L	97
31) Carbon tetrachloride	7.64	117	186908	4.81	ug/L	99
33) Benzene	7.91	78	819017	6.02	ug/L	100
34) Trichloroethene	8.71	95	183329	5.68	ug/L	95
35) Methylcyclohexane	8.96	83	335222	7.65	ug/L	98
37) 1,2-Dichloropropane	8.99	63	173903	5.59	ug/L #	96
38) Bromodichloromethane	9.28	83	156915	5.07	ug/L	96
39) cis-1,3-Dichloropropene	9.72	75	192313	6.28	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	476317	50.96	ug/L	99

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42) Toluene	10.03	91	826131	5.63	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	131371	5.78	ug/L	95
45) 1,1,2-Trichloroethane	10.44	97	80171	4.87	ug/L	96
47) Tetrachloroethene	10.52	164	142124	4.99	ug/L	95
48) 2-Hexanone	10.64	43	324264	49.48	ug/L	97
49) Dibromochloromethane	10.78	129	89679	4.60	ug/L	94
50) 1,2-Dibromoethane	10.89	107	63759	4.54	ug/L	83
51) Chlorobenzene	11.31	112	485034	5.18	ug/L	99
52) Ethylbenzene	11.39	91	888150	6.00	ug/L	96
53) m,p-Xylene	11.51	106	354315	6.05	ug/L	98
54) o-Xylene	11.83	106	323293	5.92	ug/L	97
55) Styrene	11.85	104	525067	5.84	ug/L	99
56) Isopropylbenzene	12.13	105	844379	6.43	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	82953	5.01	ug/L #	97
59) 1,2,3-Trichloropropane	12.44	75	55340	5.36	ug/L	89
61) Bromoform	12.01	173	33256	3.94	ug/L #	99
62) 1,3-Dichlorobenzene	13.16	146	272552	5.22	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	299644	4.75	ug/L	94
65) 1,2-Dichlorobenzene	13.53	146	238544	4.79	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.15	75	6310	4.23	ug/L	94
67) 1,3,5-Trichlorobenzene	14.29	180	163098	4.64	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	99317	4.58	ug/L	98
69) Naphthalene	15.00	128	120173	4.73	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	78517	4.27	ug/L	98

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

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