

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101518\
 Data File : VR026072.D
 Acq On : 15 Oct 2018 13:53
 Operator : SY/MD
 Sample : VSTD00182
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00182

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 3:12:52 PM

Quant Time: Oct 15 15:11:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 15 15:02:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	567848	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	463942	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	160415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	54917	1.23	ug/L	0.00
7) Chloroethane-d5	2.63	69	52981	1.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	120827	1.15	ug/L	0.00
20) 2-Butanone-d5	6.59	46	42571	8.53	ug/L	0.00
24) Chloroform-d	7.20	84	81793	1.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	34318	1.02	ug/L	0.00
32) Benzene-d6	7.86	84	154446	1.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	42734	1.03	ug/L	0.00
41) Toluene-d8	9.97	98	139322	0.96	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	9711	1.03	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	26391	7.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	15638	0.93	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	25209	0.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	20593m	0.597	ug/L
3) Chloromethane	2.01	50	38648	0.787	ug/L
5) Vinyl chloride	2.16	62	35485	0.726	ug/L
6) Bromomethane	2.52	94	26422	0.866	ug/L
8) Chloroethane	2.66	64	24250	0.872	ug/L
9) Trichlorofluoromethane	2.94	101	48880m	0.721	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	31015	0.748	ug/L #
12) 1,1-Dichloroethene	3.64	96	33241	0.775	ug/L
13) Acetone	3.70	43	25269	6.984	ug/L
14) Carbon disulfide	3.94	76	74347	0.716	ug/L
15) Methyl Acetate	4.19	43	7541	0.752	ug/L
16) Methylene chloride	4.41	84	32919	0.835	ug/L
17) Methyl tert-butyl Ether	4.89	73	27725	0.584	ug/L #
18) trans-1,2-Dichloroethene	4.89	96	23821	0.672	ug/L
19) 1,1-Dichloroethane	5.69	63	46411	0.661	ug/L
21) 2-Butanone	6.70	43	26963	5.418	ug/L
22) cis-1,2-Dichloroethene	6.68	96	21166	0.593	ug/L #
23) Bromochloromethane	7.05	128	6369	0.658	ug/L #
25) Chloroform	7.23	83	42872	0.627	ug/L
27) 1,2-Dichloroethane	8.00	62	21338	0.626	ug/L
29) 1,1,1-Trichloroethane	7.43	97	36444	0.699	ug/L
30) Cyclohexane	7.51	56	30398	0.466	ug/L
31) Carbon tetrachloride	7.65	117	32284	0.715	ug/L
33) Benzene	7.90	78	93891	0.603	ug/L
34) Trichloroethene	8.71	95	25402	0.620	ug/L
35) Methylcyclohexane	8.96	83	29558	0.479	ug/L
37) 1,2-Dichloropropane	8.99	63	19865	0.595	ug/L #
38) Bromodichloromethane	9.28	83	21529	0.598	ug/L
39) cis-1,3-Dichloropropene	9.72	75	20697	0.553	ug/L
40) 4-Methyl-2-pentanone	9.87	43	54659	4.656	ug/L

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42) Toluene	10.04	91	94486	0.584	ug/L	91
44) trans-1,3-Dichloropropene	10.26	75	13697	0.560	ug/L	82
45) 1,1,2-Trichloroethane	10.45	97	9588	0.635	ug/L	94
47) Tetrachloroethene	10.51	164	16604	0.657	ug/L	95
48) 2-Hexanone	10.63	43	37580	4.890	ug/L	97
49) Dibromochloromethane	10.78	129	8376	0.547	ug/L	94
50) 1,2-Dibromoethane	10.89	107	7596	0.638	ug/L #	99
51) Chlorobenzene	11.32	112	56569	0.660	ug/L	95
52) Ethylbenzene	11.39	91	106709	0.578	ug/L	94
53) m,p-Xylene	11.50	106	34155	0.520	ug/L	85
54) o-Xylene	11.83	106	30738	0.503	ug/L	87
55) Styrene	11.84	104	49096	0.516	ug/L	98
56) Isopropylbenzene	12.13	105	86398	0.512	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	8765	0.602	ug/L	100
59) 1,2,3-Trichloropropane	12.43	75	5628	0.520	ug/L #	88
61) Bromoform	12.01	173	2936	0.605	ug/L #	93
62) 1,3-Dichlorobenzene	13.16	146	27381	0.584	ug/L	94
63) 1,4-Dichlorobenzene	13.24	146	31785	0.663	ug/L	93
65) 1,2-Dichlorobenzene	13.53	146	21870	0.581	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.14	75	1257	0.794	ug/L #	60
67) 1,3,5-Trichlorobenzene	14.29	180	16653	0.596	ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	8679	0.488	ug/L #	88
69) Naphthalene	15.00	128	7337	0.323	ug/L #	94
70) 1,2,3-Trichlorobenzene	15.18	180	6009	0.487	ug/L #	80

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

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