

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101518\
 Data File : VR026076.D
 Acq On : 15 Oct 2018 16:24
 Operator : SY/MD
 Sample : VSTD00186
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00186

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 3:12:55 PM

Quant Time: Oct 15 17:00:11 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	631131	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	516006	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	177497	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	54760	1.10	ug/L	0.00
7) Chloroethane-d5	2.63	69	47267	1.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	138679	1.19	ug/L	0.00
20) 2-Butanone-d5	6.60	46	42190	7.60	ug/L	0.00
24) Chloroform-d	7.20	84	83256	0.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	33551	0.90	ug/L	0.00
32) Benzene-d6	7.86	84	159309	0.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	40868	0.88	ug/L	0.00
41) Toluene-d8	9.97	98	138123	0.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	10690	1.02	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	25532	6.37	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	15589	0.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	25208	0.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	49658	1.294 ug/L	98
3) Chloromethane	2.01	50	74936	1.374 ug/L	98
5) Vinyl chloride	2.17	62	75368	1.388 ug/L	100
6) Bromomethane	2.53	94	48182	1.421 ug/L	94
8) Chloroethane	2.66	64	46577	1.508 ug/L	98
9) Trichlorofluoromethane	2.93	101	106652m	1.415 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	68189	1.480 ug/L #	84
12) 1,1-Dichloroethene	3.63	96	68319	1.434 ug/L	82
13) Acetone	3.70	43	52268	12.997 ug/L	98
14) Carbon disulfide	3.93	76	165077	1.431 ug/L	95
15) Methyl Acetate	4.19	43	13703	1.229 ug/L #	68
16) Methylene chloride	4.40	84	65157	1.487 ug/L	98
17) Methyl tert-butyl Ether	4.89	73	55108	1.045 ug/L #	94
18) trans-1,2-Dichloroethene	4.88	96	46714	1.186 ug/L	87
19) 1,1-Dichloroethane	5.69	63	92903	1.191 ug/L	95
21) 2-Butanone	6.69	43	55867	10.100 ug/L	94
22) cis-1,2-Dichloroethene	6.68	96	44546	1.124 ug/L #	89
23) Bromochloromethane	7.05	128	13465	1.252 ug/L	90
25) Chloroform	7.23	83	87820	1.156 ug/L	98
27) 1,2-Dichloroethane	7.99	62	43657	1.152 ug/L #	96
29) 1,1,1-Trichloroethane	7.43	97	72233	1.245 ug/L	94
30) Cyclohexane	7.52	56	71056	0.980 ug/L	94
31) Carbon tetrachloride	7.64	117	67078	1.335 ug/L	95
33) Benzene	7.91	78	201069	1.162 ug/L	100
34) Trichloroethene	8.71	95	52929	1.161 ug/L	94
35) Methylcyclohexane	8.95	83	77105	1.124 ug/L	95
37) 1,2-Dichloropropane	8.99	63	44297	1.193 ug/L #	96
38) Bromodichloromethane	9.28	83	43261	1.080 ug/L	92
39) cis-1,3-Dichloropropene	9.72	75	44152	1.061 ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	122814	9.407 ug/L	98

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42) Toluene	10.03	91	207508	1.154	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	29249	1.076	ug/L	100
45) 1,1,2-Trichloroethane	10.45	97	16954	1.009	ug/L	84
47) Tetrachloroethene	10.51	164	36836	1.311	ug/L	92
48) 2-Hexanone	10.63	43	80970	9.472	ug/L	94
49) Dibromochloromethane	10.79	129	17900	1.050	ug/L	96
50) 1,2-Dibromoethane	10.89	107	15178	1.145	ug/L #	92
51) Chlorobenzene	11.32	112	117436	1.231	ug/L	98
52) Ethylbenzene	11.39	91	243607	1.187	ug/L	98
53) m,p-Xylene	11.50	106	82490	1.129	ug/L	94
54) o-Xylene	11.83	106	72773	1.070	ug/L	99
55) Styrene	11.84	104	111914	1.057	ug/L	90
56) Isopropylbenzene	12.13	105	218277	1.163	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	17982	1.111	ug/L	97
59) 1,2,3-Trichloropropane	12.43	75	14043	1.166	ug/L	96
61) Bromoform	12.01	173	5837	1.088	ug/L #	84
62) 1,3-Dichlorobenzene	13.16	146	62394	1.203	ug/L	91
63) 1,4-Dichlorobenzene	13.24	146	67715	1.276	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	48754	1.170	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.14	75	2629	1.500	ug/L	90
67) 1,3,5-Trichlorobenzene	14.29	180	39679	1.284	ug/L	99
68) 1,2,4-trichlorobenzene	14.78	180	22876	1.161	ug/L	98
69) Naphthalene	15.00	128	18247	0.726	ug/L	95
70) 1,2,3-Trichlorobenzene	15.18	180	16236	1.188	ug/L	97

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

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