

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110918\
 Data File : VR026216.D
 Acq On : 9 Nov 2018 11:46
 Operator : SY/MD
 Sample : VSTD00182
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00182

Quant Time: Nov 09 13:40:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 09 13:36:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	567511	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	476895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	158994	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	44192	0.89	ug/L	0.00
7) Chloroethane-d5	2.62	69	43556	1.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.60	63	119537	0.98	ug/L	0.00
20) 2-Butanone-d5	6.59	46	33417	8.20	ug/L	0.00
24) Chloroform-d	7.20	84	78086	0.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	31086	0.95	ug/L	0.00
32) Benzene-d6	7.85	84	142372	0.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	37478	0.95	ug/L	0.00
41) Toluene-d8	9.97	98	125545	0.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	8189	0.79	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	20908	6.98	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	15468	1.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	24058	0.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	30583	0.802 ug/L #	80
3) Chloromethane	2.01	50	64942	1.073 ug/L	98
5) Vinyl chloride	2.16	62	64351	1.067 ug/L	94
6) Bromomethane	2.52	94	44016	1.105 ug/L	94
8) Chloroethane	2.66	64	41514	1.111 ug/L	98
9) Trichlorofluoromethane	2.93	101	81319	0.934 ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	46888	0.903 ug/L #	83
12) 1,1-Dichloroethene	3.63	96	58581	1.062 ug/L	98
13) Acetone	3.70	43	42748	10.141 ug/L	99
14) Carbon disulfide	3.94	76	151611	1.051 ug/L	96
15) Methyl Acetate	4.20	43	11096	1.008 ug/L #	84
16) Methylene chloride	4.40	84	49039	0.980 ug/L	99
17) Methyl tert-butyl Ether	4.89	73	42932	0.857 ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	40964	0.982 ug/L	97
19) 1,1-Dichloroethane	5.69	63	77914	0.994 ug/L	94
21) 2-Butanone	6.69	43	41390	8.511 ug/L	100
22) cis-1,2-Dichloroethene	6.67	96	34668	0.878 ug/L #	79
23) Bromochloromethane	7.05	128	11850	1.070 ug/L	91
25) Chloroform	7.23	83	77853	1.018 ug/L	96
27) 1,2-Dichloroethane	7.99	62	34671	0.926 ug/L	100
29) 1,1,1-Trichloroethane	7.43	97	61906	0.950 ug/L	98
30) Cyclohexane	7.51	56	44594	0.682 ug/L	96
31) Carbon tetrachloride	7.63	117	55026	0.929 ug/L	99
33) Benzene	7.91	78	168301	0.941 ug/L	100
34) Trichloroethene	8.71	95	42799	0.934 ug/L	96
35) Methylcyclohexane	8.95	83	43604	0.639 ug/L	91
37) 1,2-Dichloropropane	9.00	63	37646	0.997 ug/L #	95
38) Bromodichloromethane	9.28	83	39369	0.970 ug/L #	95
39) cis-1,3-Dichloropropene	9.72	75	34420	0.797 ug/L	97
40) 4-Methyl-2-pentanone	9.86	43	90138	7.818 ug/L	98

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42) Toluene	10.04	91	167330	0.886	ug/L	100
44) trans-1,3-Dichloropropene	10.26	75	23521	0.779	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	15685	0.985	ug/L	95
47) Tetrachloroethene	10.51	164	27294	0.835	ug/L	98
48) 2-Hexanone	10.63	43	61574	8.177	ug/L	97
49) Dibromochloromethane	10.79	129	17051	0.951	ug/L	81
50) 1,2-Dibromoethane	10.89	107	12666	0.921	ug/L	87
51) Chlorobenzene	11.32	112	96508	0.923	ug/L	96
52) Ethylbenzene	11.39	91	181993	0.838	ug/L	100
53) m,p-Xylene	11.50	106	65077	0.822	ug/L	93
54) o-Xylene	11.83	106	55385	0.763	ug/L	99
55) Styrene	11.84	104	90114	0.807	ug/L	98
56) Isopropylbenzene	12.13	105	151862	0.754	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	15261	0.943	ug/L	83
59) 1,2,3-Trichloropropane	12.43	75	11850	0.997	ug/L	95
61) Bromoform	12.01	173	6121	1.108	ug/L #	93
62) 1,3-Dichlorobenzene	13.16	146	42654	0.808	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	53687	0.981	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	39351	0.928	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.16	75	1523	0.882	ug/L	97
67) 1,3,5-Trichlorobenzene	14.29	180	27817	0.864	ug/L	96
68) 1,2,4-trichlorobenzene	14.79	180	14123	0.752	ug/L	97
69) Naphthalene	15.00	128	13118	0.719	ug/L #	90
70) 1,2,3-Trichlorobenzene	15.18	180	10347	0.793	ug/L	94

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

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