

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110918\
 Data File : VR026217.D
 Acq On : 9 Nov 2018 12:19
 Operator : SY/MD
 Sample : VSTD00583
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00583

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 2:06:28 PM

Quant Time: Nov 09 13:37:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 09 11:35:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	598910	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	516307	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	198860	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	210445	4.01	ug/L	0.00
7) Chloroethane-d5	2.63	69	196437	4.36	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	565233	4.39	ug/L	0.00
20) 2-Butanone-d5	6.58	46	192203	44.67	ug/L	0.00
24) Chloroform-d	7.20	84	372001	4.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	153015	4.42	ug/L	0.00
32) Benzene-d6	7.85	84	739274	4.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	197132	4.60	ug/L	0.00
41) Toluene-d8	9.97	98	702865	4.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	47550	4.23	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	158254	48.78	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78492	4.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	137460	4.37	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	200340	4.980	ug/L 100
3) Chloromethane	2.01	50	308883	4.835	ug/L 96
5) Vinyl chloride	2.17	62	301488	4.737	ug/L 97
6) Bromomethane	2.52	94	204418	4.863	ug/L 99
8) Chloroethane	2.66	64	193224	4.900	ug/L 99
9) Trichlorofluoromethane	2.93	101	431593m	4.698	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	238282	4.350	ug/L 100
12) 1,1-Dichloroethene	3.63	96	279354	4.797	ug/L 84
13) Acetone	3.69	43	207029	46.539	ug/L 97
14) Carbon disulfide	3.93	76	805947	5.293	ug/L 98
15) Methyl Acetate	4.18	43	52583	4.525	ug/L 95
16) Methylene chloride	4.40	84	235691	4.463	ug/L 98
17) Methyl tert-butyl Ether	4.89	73	230566	4.361	ug/L 99
18) trans-1,2-Dichloroethene	4.89	96	209443	4.755	ug/L 95
19) 1,1-Dichloroethane	5.69	63	393373	4.757	ug/L 99
21) 2-Butanone	6.69	43	239554	46.679	ug/L 99
22) cis-1,2-Dichloroethene	6.67	96	200291	4.807	ug/L 95
23) Bromochloromethane	7.04	128	57082	4.884	ug/L 92
25) Chloroform	7.23	83	388526	4.814	ug/L 97
27) 1,2-Dichloroethane	7.99	62	179227	4.537	ug/L 98
29) 1,1,1-Trichloroethane	7.43	97	333332	4.725	ug/L 99
30) Cyclohexane	7.51	56	336619	4.753	ug/L 98
31) Carbon tetrachloride	7.63	117	299903	4.675	ug/L 97
33) Benzene	7.90	78	939814	4.851	ug/L 100
34) Trichloroethene	8.71	95	234488	4.729	ug/L 97
35) Methylcyclohexane	8.95	83	335054	4.539	ug/L 99
37) 1,2-Dichloropropane	8.99	63	191431	4.683	ug/L 100
38) Bromodichloromethane	9.28	83	214967	4.890	ug/L 98
39) cis-1,3-Dichloropropene	9.72	75	223999	4.788	ug/L 95
40) 4-Methyl-2-pentanone	9.86	43	591222	47.364	ug/L 99

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42) Toluene	10.03	91	1003136	4.906	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	151355	4.631	ug/L	99
45) 1,1,2-Trichloroethane	10.44	97	81049	4.701	ug/L	99
47) Tetrachloroethene	10.51	164	160357	4.529	ug/L	94
48) 2-Hexanone	10.63	43	391951	48.076	ug/L	99
49) Dibromochloromethane	10.79	129	94419	4.866	ug/L	100
50) 1,2-Dibromoethane	10.89	107	71778	4.819	ug/L #	85
51) Chlorobenzene	11.32	112	529774	4.680	ug/L	100
52) Ethylbenzene	11.39	91	1151037	4.895	ug/L	99
53) m,p-Xylene	11.50	106	418025	4.880	ug/L	92
54) o-Xylene	11.83	106	380658	4.847	ug/L	97
55) Styrene	11.84	104	590962	4.889	ug/L	96
56) Isopropylbenzene	12.13	105	1082148	4.961	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	79177	4.519	ug/L	92
59) 1,2,3-Trichloropropane	12.43	75	57367	4.459	ug/L	97
61) Bromoform	12.01	173	33477	4.843	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	301220	4.560	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	311146	4.548	ug/L	93
65) 1,2-Dichlorobenzene	13.53	146	243397	4.591	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.14	75	8796	4.072	ug/L #	70
67) 1,3,5-Trichlorobenzene	14.29	180	184067	4.573	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	104710	4.457	ug/L	98
69) Naphthalene	15.00	128	115467	5.061	ug/L	97
70) 1,2,3-Trichlorobenzene	15.18	180	74305	4.554	ug/L	98

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

