

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110518\
 Data File : VR026172.D
 Acq On : 5 Nov 2018 9:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00501

Quant Time: Nov 06 02:14:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 03 06:46:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	674137	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	562340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	214602	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	243642	4.13	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	2.62	69	235902	4.65	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	3.61	63	681134	4.70	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	6.58	46	227886	47.05	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	7.20	84	484134	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	7.90	65	185109	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	7.85	84	969272	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	8.89	67	244950	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	9.97	98	953216	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
43) trans-1,3-Dichloropropene-	10.24	79	62328	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	10.59	63	186165	52.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.36%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	97808	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	180773	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	214810	4.744	ug/L 97
3) Chloromethane	2.01	50	304762	4.238	ug/L 98
5) Vinyl chloride	2.17	62	318876	4.451	ug/L 98
6) Bromomethane	2.52	94	213860	4.520	ug/L 91
8) Chloroethane	2.65	64	211293	4.760	ug/L 100
9) Trichlorofluoromethane	2.94	101	508745	4.919	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	291976	4.736	ug/L 97
12) 1,1-Dichloroethene	3.62	96	303884	4.636	ug/L 92
13) Acetone	3.70	43	209589	41.857	ug/L 98
14) Carbon disulfide	3.93	76	868355	5.067	ug/L 98
15) Methyl Acetate	4.19	43	52103	3.983	ug/L 96
16) Methylene chloride	4.40	84	246572	4.148	ug/L 97
17) Methyl tert-butyl Ether	4.89	73	266346	4.475	ug/L 98
18) trans-1,2-Dichloroethene	4.88	96	248684	5.016	ug/L 97
19) 1,1-Dichloroethane	5.69	63	456549	4.905	ug/L 98
21) 2-Butanone	6.68	43	268914	46.552	ug/L 96
22) cis-1,2-Dichloroethene	6.67	96	235954	5.031	ug/L # 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	64398	4.895	ug/L	97
25) Chloroform	7.23	83	447666	4.928	ug/L	96
27) 1,2-Dichloroethane	7.99	62	201401	4.529	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	420035	5.466	ug/L	99
30) Cyclohexane	7.52	56	414396	5.373	ug/L	98
31) Carbon tetrachloride	7.63	117	378437	5.416	ug/L	97
33) Benzene	7.91	78	1074443	5.092	ug/L	100
34) Trichloroethene	8.71	95	276898	5.127	ug/L	97
35) Methylcyclohexane	8.95	83	436458	5.428	ug/L	99
37) 1,2-Dichloropropane	8.99	63	217627	4.888	ug/L	98
38) Bromodichloromethane	9.28	83	245710	5.132	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	262855	5.159	ug/L	96
40) 4-Methyl-2-pentanone	9.86	43	623954	45.894	ug/L	99
42) Toluene	10.04	91	1150660	5.167	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	183335	5.150	ug/L	91
45) 1,1,2-Trichloroethane	10.45	97	90888	4.840	ug/L	98
47) Tetrachloroethene	10.51	164	200289	5.193	ug/L	97
48) 2-Hexanone	10.63	43	419592	47.254	ug/L	99
49) Dibromochloromethane	10.79	129	110467	5.228	ug/L	94
50) 1,2-Dibromoethane	10.89	107	76383	4.708	ug/L	87
51) Chlorobenzene	11.32	112	610551	4.952	ug/L	99
52) Ethylbenzene	11.39	91	1370300	5.351	ug/L	99
53) m,p-Xylene	11.50	106	491313	5.266	ug/L	93
54) o-Xylene	11.83	106	446914	5.225	ug/L	99
55) Styrene	11.84	104	678550	5.154	ug/L	100
56) Isopropylbenzene	12.13	105	1314945	5.535	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	87902	4.606	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	66157	4.721	ug/L	99
61) Bromoform	12.01	173	40967	5.492	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	370253	5.193	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	380044	5.147	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	288798	5.047	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.15	75	8685	3.726	ug/L #	93
67) 1,3,5-Trichlorobenzene	14.29	180	224592	5.170	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	126312	4.982	ug/L	99
69) Naphthalene	15.00	128	112481	4.568	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	88166	5.007	ug/L	100

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

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