

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101918\
 Data File : VR026142.D
 Acq On : 19 Oct 2018 10:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00596

Quant Time: Oct 20 01:50:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 04:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	679661	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	567783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	222515	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	217957	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	2.62	69	220642	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	3.61	63	582571	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	6.58	46	227726	46.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.26%
24) Chloroform-d	7.20	84	408862	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	7.90	65	163750	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	7.85	84	767651	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	8.89	67	208176	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	9.97	98	705556	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	10.23	79	49980	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	10.59	63	183793	51.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.04%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	86888	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	148779	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	190572	4.174 ug/L	94
3) Chloromethane	2.01	50	318950	4.400 ug/L	97
5) Vinyl chloride	2.16	62	322994	4.472 ug/L	94
6) Bromomethane	2.52	94	218717	4.585 ug/L	100
8) Chloroethane	2.66	64	209405	4.679 ug/L	98
9) Trichlorofluoromethane	2.94	101	513337	4.924 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	293737	4.726 ug/L	97
12) 1,1-Dichloroethene	3.63	96	310644	4.700 ug/L	81
13) Acetone	3.70	43	222623	44.098 ug/L	98
14) Carbon disulfide	3.93	76	891406	5.159 ug/L	99
15) Methyl Acetate	4.19	43	55667	4.221 ug/L	95
16) Methylene chloride	4.40	84	249502	4.163 ug/L	95
17) Methyl tert-butyl Ether	4.89	73	238516	3.975 ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	219084	4.383 ug/L	95
19) 1,1-Dichloroethane	5.69	63	416321	4.436 ug/L	97
21) 2-Butanone	6.69	43	243284	41.773 ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	215082	4.549 ug/L #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	59505	4.487	ug/L	96
25) Chloroform	7.23	83	407771	4.452	ug/L	97
27) 1,2-Dichloroethane	7.99	62	187108	4.174	ug/L	96
29) 1,1,1-Trichloroethane	7.43	97	368653	4.752	ug/L	99
30) Cyclohexane	7.52	56	398758	5.120	ug/L	99
31) Carbon tetrachloride	7.63	117	334314	4.739	ug/L	97
33) Benzene	7.91	78	988349	4.639	ug/L	100
34) Trichloroethene	8.71	95	253974	4.658	ug/L	98
35) Methylcyclohexane	8.95	83	407294	5.017	ug/L	98
37) 1,2-Dichloropropane	8.99	63	209258	4.655	ug/L	100
38) Bromodichloromethane	9.28	83	223839	4.631	ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	233519	4.539	ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	599102	43.644	ug/L	99
42) Toluene	10.03	91	1083028	4.817	ug/L	100
44) trans-1,3-Dichloropropene	10.26	75	160701	4.471	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	84689	4.467	ug/L	95
47) Tetrachloroethene	10.51	164	178591	4.586	ug/L	97
48) 2-Hexanone	10.63	43	397507	44.337	ug/L	99
49) Dibromochloromethane	10.79	129	98198	4.602	ug/L	96
50) 1,2-Dibromoethane	10.89	107	69062	4.216	ug/L #	84
51) Chlorobenzene	11.32	112	568011	4.563	ug/L	98
52) Ethylbenzene	11.39	91	1282153	4.959	ug/L	100
53) m,p-Xylene	11.50	106	461411	4.898	ug/L	98
54) o-Xylene	11.83	106	419262	4.854	ug/L	98
55) Styrene	11.84	104	636960	4.791	ug/L	98
56) Isopropylbenzene	12.13	105	1226655	5.114	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	81639	4.237	ug/L	96
59) 1,2,3-Trichloropropane	12.43	75	61459	4.344	ug/L	99
61) Bromoform	12.01	173	30874	3.992	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	329557	4.458	ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	342382	4.472	ug/L	95
65) 1,2-Dichlorobenzene	13.53	146	258727	4.361	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.14	75	7887	3.263	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.29	180	199452	4.428	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	114601	4.359	ug/L	98
69) Naphthalene	15.00	128	110905	4.344	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	78001	4.272	ug/L	100

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

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