

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
 Data File : VR026302.D
 Acq On : 24 Dec 2018 17:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00592

Quant Time: Dec 24 22:54:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 24 22:50:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	541003	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	438670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	165807	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	154165	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	2.63	69	173742	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	3.61	63	491822	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	6.59	46	151489	49.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.10%
24) Chloroform-d	7.20	84	369519	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	7.90	65	139205	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	7.85	84	708568	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	8.90	67	178563	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	9.97	98	660548	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	10.24	79	42418	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	10.59	63	109727	55.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.90%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69569	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	126080	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	203171	4.523 ug/L	98
3) Chloromethane	2.03	50	268845	5.012 ug/L	96
5) Vinyl chloride	2.17	62	280457	5.143 ug/L	96
6) Bromomethane	2.53	94	178244	4.899 ug/L	96
8) Chloroethane	2.66	64	175190	5.212 ug/L	99
9) Trichlorofluoromethane	2.94	101	438071	5.238 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	237866	5.213 ug/L	99
12) 1,1-Dichloroethene	3.63	96	256453	5.293 ug/L	94
13) Acetone	3.69	43	151609	48.681 ug/L	95
14) Carbon disulfide	3.93	76	832888	5.237 ug/L	99
15) Methyl Acetate	4.19	43	42578	5.123 ug/L	99
16) Methylene chloride	4.40	84	223221	5.399 ug/L	96
17) Methyl tert-butyl Ether	4.89	73	198586	4.785 ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	216415	5.041 ug/L	96
19) 1,1-Dichloroethane	5.70	63	377829	4.814 ug/L	98
21) 2-Butanone	6.69	43	185948	50.346 ug/L	100
22) cis-1,2-Dichloroethene	6.68	96	192370	5.017 ug/L #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.06	128	54073	4.788	ug/L	90
25) Chloroform	7.23	83	366579	4.925	ug/L	94
27) 1,2-Dichloroethane	7.99	62	160034	4.987	ug/L	96
29) 1,1,1-Trichloroethane	7.43	97	344678	4.798	ug/L	96
30) Cyclohexane	7.51	56	330212	5.186	ug/L	99
31) Carbon tetrachloride	7.64	117	323140	4.941	ug/L	99
33) Benzene	7.91	78	885814	5.130	ug/L	100
34) Trichloroethene	8.71	95	222857	4.895	ug/L	100
35) Methylcyclohexane	8.95	83	341696	5.177	ug/L	98
37) 1,2-Dichloropropane	9.00	63	179971	5.090	ug/L	100
38) Bromodichloromethane	9.28	83	196978	4.917	ug/L	95
39) cis-1,3-Dichloropropene	9.72	75	196733	5.058	ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	459375	53.982	ug/L	99
42) Toluene	10.04	91	944421	5.351	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	139490	5.046	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	71959	4.902	ug/L	94
47) Tetrachloroethene	10.51	164	162033	4.678	ug/L	90
48) 2-Hexanone	10.63	43	299524	54.607	ug/L	97
49) Dibromochloromethane	10.79	129	95127	5.105	ug/L	91
50) 1,2-Dibromoethane	10.89	107	61825	5.000	ug/L #	99
51) Chlorobenzene	11.32	112	493379	4.996	ug/L	98
52) Ethylbenzene	11.39	91	1095250	5.497	ug/L	99
53) m,p-Xylene	11.50	106	401902	5.393	ug/L	97
54) o-Xylene	11.83	106	352683	5.432	ug/L	97
55) Styrene	11.84	104	538055	5.488	ug/L	98
56) Isopropylbenzene	12.13	105	1047266	5.673	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	67011	5.169	ug/L #	96
59) 1,2,3-Trichloropropane	12.43	75	50575	5.034	ug/L	95
61) Bromoform	12.01	173	35846	5.117	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	273196	5.069	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	296506	5.122	ug/L	100
65) 1,2-Dichlorobenzene	13.53	146	230134	5.246	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	6785	4.358	ug/L	90
67) 1,3,5-Trichlorobenzene	14.30	180	169963	4.924	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	88556	4.723	ug/L	96
69) Naphthalene	15.01	128	79696	4.732	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	62590	4.813	ug/L	98

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

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