

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122418\
 Data File : VR026295.D
 Acq On : 24 Dec 2018 11:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00591

Quant Time: Dec 24 22:49:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 21 22:24:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	644587	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	507662	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	191020	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	187700	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	2.62	69	203974	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	3.61	63	567761	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.00%
20) 2-Butanone-d5	6.58	46	178023	48.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.74%
24) Chloroform-d	7.20	84	424172	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	7.90	65	155624	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	7.85	84	819624	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	8.90	67	203041	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	9.97	98	751855	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	10.24	79	51572	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	10.59	63	122280	53.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.76%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72667	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	144446	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	259444	4.848 ug/L	92
3) Chloromethane	2.02	50	328607	5.141 ug/L	98
5) Vinyl chloride	2.17	62	334187	5.143 ug/L	96
6) Bromomethane	2.52	94	217351	5.014 ug/L	98
8) Chloroethane	2.65	64	208914	5.216 ug/L	100
9) Trichlorofluoromethane	2.94	101	529205	5.311 ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	288447	5.305 ug/L	99
12) 1,1-Dichloroethene	3.63	96	299416	5.187 ug/L	93
13) Acetone	3.69	43	170486	45.946 ug/L	96
14) Carbon disulfide	3.93	76	978021	5.161 ug/L	99
15) Methyl Acetate	4.19	43	45618	4.607 ug/L	100
16) Methylene chloride	4.41	84	243730	4.948 ug/L	95
17) Methyl tert-butyl Ether	4.89	73	243231	4.919 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	257063	5.025 ug/L	85
19) 1,1-Dichloroethane	5.69	63	455635	4.872 ug/L	99
21) 2-Butanone	6.69	43	212590	48.310 ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	229033	5.013 ug/L #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	63242	4.700	ug/L	89
25) Chloroform	7.23	83	429008	4.838	ug/L	90
27) 1,2-Dichloroethane	7.99	62	179639	4.699	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	430206	5.175	ug/L	98
30) Cyclohexane	7.52	56	426979	5.794	ug/L	99
31) Carbon tetrachloride	7.64	117	390042	5.153	ug/L	99
33) Benzene	7.91	78	1010047	5.054	ug/L	100
34) Trichloroethene	8.71	95	272160	5.165	ug/L	97
35) Methylcyclohexane	8.95	83	438230	5.737	ug/L	99
37) 1,2-Dichloropropane	9.00	63	200790	4.907	ug/L	100
38) Bromodichloromethane	9.28	83	227036	4.897	ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	234353	5.207	ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	497526	50.520	ug/L	99
42) Toluene	10.04	91	1077835	5.277	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	159330	4.981	ug/L	97
45) 1,1,2-Trichloroethane	10.45	97	80670	4.749	ug/L	99
47) Tetrachloroethene	10.51	164	205348	5.123	ug/L	95
48) 2-Hexanone	10.63	43	331509	52.225	ug/L	98
49) Dibromochloromethane	10.79	129	104674	4.854	ug/L	98
50) 1,2-Dibromoethane	10.89	107	67338	4.706	ug/L	95
51) Chlorobenzene	11.32	112	553279	4.841	ug/L	95
52) Ethylbenzene	11.39	91	1255073	5.443	ug/L	99
53) m,p-Xylene	11.50	106	460105	5.335	ug/L	97
54) o-Xylene	11.83	106	404246	5.380	ug/L	96
55) Styrene	11.84	104	606754	5.348	ug/L	99
56) Isopropylbenzene	12.13	105	1219785	5.709	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	70050	4.669	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	55515	4.775	ug/L	99
61) Bromoform	12.01	173	40177	4.978	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	334873	5.393	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	342042	5.129	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	265032	5.244	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.15	75	7356	4.101	ug/L #	88
67) 1,3,5-Trichlorobenzene	14.29	180	209739	5.274	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	111138	5.145	ug/L	98
69) Naphthalene	15.00	128	98906	5.097	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	74610	4.980	ug/L	95

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

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