

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021419\
 Data File : VR026311.D
 Acq On : 14 Feb 2019 14:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00587

Quant Time: Feb 15 04:32:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 14 14:16:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	611580	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	514794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	212559	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	241651	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	2.62	69	211071	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	3.61	63	607628	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	6.58	46	205238	57.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.44%
24) Chloroform-d	7.20	84	443737	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	7.89	65	170363	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	7.85	84	873412	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	8.89	67	218588	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	9.96	98	832995	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	10.23	79	59545	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	10.59	63	173378	62.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.94%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	87302	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	170600	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.82	85	265459	4.711	ug/L 97
3) Chloromethane	2.02	50	295407	4.591	ug/L 98
5) Vinyl chloride	2.17	62	300539	4.637	ug/L 99
6) Bromomethane	2.52	94	195067	4.679	ug/L 93
8) Chloroethane	2.66	64	183249	4.706	ug/L 97
9) Trichlorofluoromethane	2.93	101	498117m	4.746	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	261030	4.702	ug/L 99
12) 1,1-Dichloroethene	3.63	96	267262	4.574	ug/L 88
13) Acetone	3.70	43	184699	49.254	ug/L 99
14) Carbon disulfide	3.93	76	892914	4.674	ug/L 97
15) Methyl Acetate	4.19	43	50696	4.912	ug/L # 79
16) Methylene chloride	4.40	84	225803	4.564	ug/L 88
17) Methyl tert-butyl Ether	4.90	73	276189	5.384	ug/L 99
18) trans-1,2-Dichloroethene	4.88	96	254580	4.800	ug/L 91
19) 1,1-Dichloroethane	5.69	63	443147	4.868	ug/L 99
21) 2-Butanone	6.68	43	242710	57.174	ug/L 99
22) cis-1,2-Dichloroethene	6.67	96	228794	5.349	ug/L # 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	65424	4.903	ug/L	92
25) Chloroform	7.23	83	423489	4.789	ug/L	94
27) 1,2-Dichloroethane	7.99	62	190636	4.983	ug/L #	94
29) 1,1,1-Trichloroethane	7.43	97	400716	4.729	ug/L	99
30) Cyclohexane	7.52	56	381943	5.629	ug/L	100
31) Carbon tetrachloride	7.63	117	367494	4.678	ug/L	100
33) Benzene	7.90	78	1007641	4.947	ug/L	100
34) Trichloroethene	8.71	95	249748	4.755	ug/L	98
35) Methylcyclohexane	8.95	83	407889	5.585	ug/L	99
37) 1,2-Dichloropropane	8.99	63	211768	4.815	ug/L	99
38) Bromodichloromethane	9.28	83	232851	4.748	ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	252263	5.574	ug/L	98
40) 4-Methyl-2-pentanone	9.86	43	594014	58.591	ug/L	99
42) Toluene	10.03	91	1067498	5.099	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	181753	5.414	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	89710	4.885	ug/L	94
47) Tetrachloroethene	10.51	164	197746	4.907	ug/L	93
48) 2-Hexanone	10.63	43	399038	58.534	ug/L	96
49) Dibromochloromethane	10.78	129	116729	4.946	ug/L	97
50) 1,2-Dibromoethane	10.88	107	75410	5.164	ug/L	83
51) Chlorobenzene	11.31	112	574216	4.797	ug/L	97
52) Ethylbenzene	11.39	91	1224104	5.230	ug/L	98
53) m,p-Xylene	11.50	106	444527	5.198	ug/L	98
54) o-Xylene	11.83	106	403008	5.464	ug/L	100
55) Styrene	11.84	104	628286	5.422	ug/L	98
56) Isopropylbenzene	12.13	105	1168302	5.571	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	85409	5.021	ug/L	95
59) 1,2,3-Trichloropropane	12.43	75	57884	4.721	ug/L	100
61) Bromoform	12.01	173	47639	4.551	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	347477	5.005	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	380136	4.796	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	288387	4.847	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	9213	4.284	ug/L	89
67) 1,3,5-Trichlorobenzene	14.29	180	224755	5.051	ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	123298	5.134	ug/L	96
69) Naphthalene	15.00	128	114953	5.334	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	89716	5.176	ug/L	99

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

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