

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026566.D
 Acq On : 10 Apr 2019 22:36
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00569

Quant Time: Apr 11 04:24:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 11 04:17:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	607167	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	509954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	212672	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	164681	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	2.62	69	151476	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	3.62	63	500887	4.20	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	6.58	46	177675	43.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.40%
24) Chloroform-d	7.20	84	378022	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	7.89	65	156442	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	7.85	84	688534	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	8.89	67	179591	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	9.96	98	660842	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	10.24	79	40549	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	10.59	63	162191	54.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.04%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78545	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	137932	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	256242	4.118	ug/L 99
3) Chloromethane	2.01	50	283786	4.324	ug/L 95
5) Vinyl chloride	2.16	62	294124	4.560	ug/L 98
6) Bromomethane	2.52	94	169510	4.495	ug/L 91
8) Chloroethane	2.65	64	170819	4.671	ug/L 97
9) Trichlorofluoromethane	2.93	101	444369	4.977	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	224710	4.561	ug/L 98
12) 1,1-Dichloroethene	3.63	96	249639	4.636	ug/L 97
13) Acetone	3.70	43	189563	45.607	ug/L 99
14) Carbon disulfide	3.93	76	662739	4.240	ug/L 100
15) Methyl Acetate	4.19	43	50085	4.466	ug/L 97
16) Methylene chloride	4.41	84	214839	4.488	ug/L 89
17) Methyl tert-butyl Ether	4.90	73	220647	3.603	ug/L 99
18) trans-1,2-Dichloroethene	4.88	96	224439	4.418	ug/L 92
19) 1,1-Dichloroethane	5.69	63	401534	4.253	ug/L 97
21) 2-Butanone	6.69	43	263693	49.343	ug/L 97
22) cis-1,2-Dichloroethene	6.67	96	203177	4.808	ug/L 87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	59889	4.548	ug/L	92
25) Chloroform	7.23	83	404551	4.479	ug/L	97
27) 1,2-Dichloroethane	7.99	62	199496	4.429	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	340737	4.048	ug/L	97
30) Cyclohexane	7.52	56	358022	4.578	ug/L	98
31) Carbon tetrachloride	7.63	117	347781	4.362	ug/L	98
33) Benzene	7.90	78	916869	4.601	ug/L	100
34) Trichloroethene	8.71	95	232990	4.365	ug/L	94
35) Methylcyclohexane	8.95	83	351773	4.621	ug/L	96
37) 1,2-Dichloropropane	8.99	63	187381	4.290	ug/L	98
38) Bromodichloromethane	9.28	83	220253	4.364	ug/L #	99
39) cis-1,3-Dichloropropene	9.72	75	207798	4.383	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	659830	51.560	ug/L	100
42) Toluene	10.03	91	984881	4.822	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	140203	4.054	ug/L	97
45) 1,1,2-Trichloroethane	10.45	97	84226	4.767	ug/L	95
47) Tetrachloroethene	10.51	164	168374	4.432	ug/L	98
48) 2-Hexanone	10.63	43	446926	52.505	ug/L	99
49) Dibromochloromethane	10.78	129	105909	4.576	ug/L	98
50) 1,2-Dibromoethane	10.88	107	68447	4.504	ug/L #	94
51) Chlorobenzene	11.31	112	525222	4.583	ug/L	99
52) Ethylbenzene	11.39	91	1125843	4.785	ug/L	99
53) m,p-Xylene	11.50	106	406369	4.819	ug/L	98
54) o-Xylene	11.83	106	369524	4.987	ug/L	99
55) Styrene	11.84	104	586067	5.010	ug/L	98
56) Isopropylbenzene	12.13	105	1059541	5.038	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.38	83	83123	4.845	ug/L #	99
59) 1,2,3-Trichloropropane	12.43	75	58878	4.474	ug/L	95
61) Bromoform	12.01	173	36684	3.866	ug/L	94
62) 1,3-Dichlorobenzene	13.16	146	293788	4.310	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	338225	4.420	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	261805	4.630	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	8131	3.741	ug/L	94
67) 1,3,5-Trichlorobenzene	14.29	180	186536	4.188	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	102502	4.141	ug/L	98
69) Naphthalene	15.00	128	89682	3.853	ug/L	100
70) 1,2,3-Trichlorobenzene	15.18	180	84439	4.922	ug/L	98

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

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