

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR041119\
 Data File : VR026574.D
 Acq On : 11 Apr 2019 18:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00570

Quant Time: Apr 12 02:03:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR041119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 12 01:57:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	619101	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	515516	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	216241	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	195407	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	2.63	69	174086	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	3.61	63	570250	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.60%
20) 2-Butanone-d5	6.58	46	217995	49.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.76%
24) Chloroform-d	7.20	84	427718	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	7.89	65	181522	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	7.85	84	794547	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	8.89	67	208276	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	9.96	98	755211	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	10.23	79	47811	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	10.59	63	191674	56.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.74%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85644	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	150641	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	300824	4.528	ug/L 97
3) Chloromethane	2.01	50	315273	4.702	ug/L 94
5) Vinyl chloride	2.15	62	312255	4.541	ug/L 95
6) Bromomethane	2.52	94	190929	4.722	ug/L 91
8) Chloroethane	2.66	64	177312	4.493	ug/L 95
9) Trichlorofluoromethane	2.93	101	471765	4.607	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	236321	4.430	ug/L 98
12) 1,1-Dichloroethene	3.62	96	267041	4.582	ug/L 89
13) Acetone	3.69	43	208463	45.784	ug/L 98
14) Carbon disulfide	3.92	76	768317	5.009	ug/L 99
15) Methyl Acetate	4.19	43	54925	4.446	ug/L # 77
16) Methylene chloride	4.40	84	218133	4.187	ug/L 95
17) Methyl tert-butyl Ether	4.89	73	262997	4.800	ug/L 98
18) trans-1,2-Dichloroethene	4.88	96	244237	4.649	ug/L 99
19) 1,1-Dichloroethane	5.69	63	442304	4.677	ug/L 99
21) 2-Butanone	6.69	43	292749	53.425	ug/L 98
22) cis-1,2-Dichloroethene	6.67	96	221817	5.066	ug/L # 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	66898	4.664	ug/L	98
25) Chloroform	7.23	83	439679	4.688	ug/L	98
27) 1,2-Dichloroethane	7.99	62	219850	4.694	ug/L	100
29) 1,1,1-Trichloroethane	7.43	97	382653	4.928	ug/L	98
30) Cyclohexane	7.51	56	399257	5.528	ug/L	98
31) Carbon tetrachloride	7.63	117	383188	4.848	ug/L	97
33) Benzene	7.90	78	990595	5.009	ug/L	100
34) Trichloroethene	8.71	95	253756	4.794	ug/L	98
35) Methylcyclohexane	8.95	83	393316	5.413	ug/L	98
37) 1,2-Dichloropropane	8.99	63	205035	4.804	ug/L	99
38) Bromodichloromethane	9.28	83	242374	4.916	ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	247000	5.318	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	703218	55.613	ug/L	100
42) Toluene	10.03	91	1054943	5.140	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	166552	5.151	ug/L	100
45) 1,1,2-Trichloroethane	10.45	97	85826	4.553	ug/L	95
47) Tetrachloroethene	10.51	164	186294	4.819	ug/L	93
48) 2-Hexanone	10.63	43	488160	54.371	ug/L	99
49) Dibromochloromethane	10.79	129	116237	5.071	ug/L	95
50) 1,2-Dibromoethane	10.88	107	75097	4.701	ug/L #	100
51) Chlorobenzene	11.31	112	569881	4.816	ug/L	99
52) Ethylbenzene	11.39	91	1232792	5.265	ug/L	100
53) m,p-Xylene	11.50	106	442904	5.269	ug/L	96
54) o-Xylene	11.83	106	393043	5.231	ug/L	98
55) Styrene	11.84	104	640828	5.327	ug/L	95
56) Isopropylbenzene	12.13	105	1153130	5.545	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.38	83	84409	4.692	ug/L	95
59) 1,2,3-Trichloropropane	12.43	75	64582	4.811	ug/L	100
61) Bromoform	12.01	173	41271	4.542	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	334846	4.994	ug/L	95
63) 1,4-Dichlorobenzene	13.24	146	365349	4.545	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	280571	4.832	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	9374	4.225	ug/L #	77
67) 1,3,5-Trichlorobenzene	14.29	180	211233	4.796	ug/L	97
68) 1,2,4-trichlorobenzene	14.79	180	116275	4.743	ug/L	96
69) Naphthalene	15.00	128	107359	4.768	ug/L	97
70) 1,2,3-Trichlorobenzene	15.18	180	95462	5.493	ug/L	99

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

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