

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091319\
 Data File : VR026638.D
 Acq On : 13 Sep 2019 18:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00570

Quant Time: Sep 14 06:54:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 14 06:49:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	395122	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	317334	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	145880	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.18	65	46091	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	2.63	69	41277	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	3.65	63	135586	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	6.62	46	111554	47.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.76%
24) Chloroform-d	7.22	84	188347	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	7.91	65	62880	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	7.88	84	352531	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	8.91	67	91998	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	9.99	98	290859	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	10.25	79	21592	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	10.60	63	72774	50.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.22%
57) 1,1,2,2-Tetrachloroethane-	12.38	84	49551	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	13.53	152	77810	4.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	191403	4.285	ug/L 100
3) Chloromethane	2.06	50	85928	3.685	ug/L 96
5) Vinyl chloride	2.20	62	89079	3.812	ug/L 96
6) Bromomethane	2.54	94	59770	4.071	ug/L 94
8) Chloroethane	2.67	64	51838	3.846	ug/L 95
9) Trichlorofluoromethane	2.98	101	176275	4.361	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	73592	4.153	ug/L 98
12) 1,1-Dichloroethene	3.67	96	70870	4.066	ug/L # 82
13) Acetone	3.73	43	72943	41.193	ug/L 99
14) Carbon disulfide	3.97	76	309434	4.147	ug/L 100
15) Methyl Acetate	4.22	43	30503	4.102	ug/L # 81
16) Methylene chloride	4.43	84	154710	4.266	ug/L 91
17) Methyl tert-butyl Ether	4.92	73	159361	4.230	ug/L 99
18) trans-1,2-Dichloroethene	4.91	96	152372	4.184	ug/L 97
19) 1,1-Dichloroethane	5.72	63	276049	4.042	ug/L 99
21) 2-Butanone	6.72	43	149510	46.221	ug/L 99
22) cis-1,2-Dichloroethene	6.70	96	152207	4.361	ug/L 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.08	128	43413	4.472	ug/L	89
25) Chloroform	7.25	83	263119	4.019	ug/L	95
27) 1,2-Dichloroethane	8.01	62	103147	4.480	ug/L	97
29) 1,1,1-Trichloroethane	7.45	97	207437	4.063	ug/L	98
30) Cyclohexane	7.54	56	247480	4.547	ug/L	98
31) Carbon tetrachloride	7.66	117	179046	4.141	ug/L	99
33) Benzene	7.93	78	598617	4.254	ug/L	100
34) Trichloroethene	8.73	95	150602	4.297	ug/L	98
35) Methylcyclohexane	8.97	83	231041	4.378	ug/L	96
37) 1,2-Dichloropropane	9.01	63	118894	4.184	ug/L	100
38) Bromodichloromethane	9.30	83	133456	4.411	ug/L	91
39) cis-1,3-Dichloropropene	9.73	75	129971	4.315	ug/L	98
40) 4-Methyl-2-pentanone	9.88	43	345233	48.508	ug/L	99
42) Toluene	10.05	91	575511	4.683	ug/L	97
44) trans-1,3-Dichloropropene	10.28	75	85732	4.428	ug/L	95
45) 1,1,2-Trichloroethane	10.46	97	56399	4.658	ug/L	92
47) Tetrachloroethene	10.53	164	92457	4.468	ug/L	96
48) 2-Hexanone	10.65	43	220847	48.821	ug/L	98
49) Dibromochloromethane	10.80	129	59973	4.543	ug/L	88
50) 1,2-Dibromoethane	10.90	107	45713	4.352	ug/L #	94
51) Chlorobenzene	11.33	112	316399	4.430	ug/L	98
52) Ethylbenzene	11.41	91	647109	4.642	ug/L	99
53) m,p-Xylene	11.52	106	240727	4.829	ug/L	92
54) o-Xylene	11.84	106	232914	4.734	ug/L	91
55) Styrene	11.86	104	336343	4.768	ug/L	98
56) Isopropylbenzene	12.15	105	665427	4.787	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.40	83	64877	4.625	ug/L	100
59) 1,2,3-Trichloropropane	12.45	75	42465	4.127	ug/L	96
61) Bromoform	12.02	173	24470	4.292	ug/L	99
62) 1,3-Dichlorobenzene	13.18	146	230690	4.447	ug/L	98
63) 1,4-Dichlorobenzene	13.26	146	222084	4.308	ug/L	94
65) 1,2-Dichlorobenzene	13.54	146	190084	4.325	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.16	75	8440	3.850	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.31	180	187163	4.454	ug/L	99
68) 1,2,4-trichlorobenzene	14.80	180	133912	4.517	ug/L	100
69) Naphthalene	15.02	128	168607	4.278	ug/L	99
70) 1,2,3-Trichlorobenzene	15.20	180	113884	4.337	ug/L	100

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

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