

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022221\
 Data File : VW020352.D
 Acq On : 22 Feb 2021 11:12
 Operator : SY/MD
 Sample : VSTD00533
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 11:38:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 06 11:04:32 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	320274	5.00	ug/L	-0.02
28) Chlorobenzene-d5	8.857	117	305259	5.00	ug/L	-0.01
61) 1,4-Dichlorobenzene-d4	11.255	152	163715	5.00	ug/L	-0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	106243	6.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	139.00%#
7) Chloroethane-d5	1.568	69	82933	7.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	141.80%#
11) 1,1-Dichloroethene-d2	2.111	63	205995	6.01	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.20%
20) 2-Butanone-d5	3.899	46	180333	49.29	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.58%
24) Chloroform-d	4.352	84	188135	5.08	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.037	65	90605	4.75	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.053	84	373204	5.55	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.076	67	106294	5.68	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.60%
41) Toluene-d8	7.320	98	359531	5.57	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
45) trans-1,3-Dichloroprop...	7.625	79	40357	4.76	ug/L	-0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
48) 2-Hexanone-d5	8.092	63	142623	54.29	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.58%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	74460	5.72	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.40%
65) 1,2-Dichlorobenzene-d4	11.632	152	136086	5.50	ug/L	-0.01
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	188019	5.36	ug/L	100
3) Chloromethane	1.243	50	163195	7.15	ug/L	95
5) Vinyl chloride	1.310	62	178069	7.78	ug/L	98
6) Bromomethane	1.523	94	111433	7.58	ug/L	98
8) Chloroethane	1.587	64	106201	8.04	ug/L	95
9) Trichlorofluoromethane	1.754	101	248910	6.08	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	134757	7.05	ug/L	99
12) 1,1-Dichloroethene	2.121	96	128596	7.46	ug/L	84
13) Acetone	2.191	43	156295	54.57	ug/L #	33
14) Carbon disulfide	2.298	76	394723	7.53	ug/L	98
15) Methyl Acetate	2.442	43	37928	6.81	ug/L #	88
16) Methylene chloride	2.510	84	130034	6.78	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	260335	5.89	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	133803	7.12	ug/L	98
19) 1,1-Dichloroethane	3.191	63	236899	5.99	ug/L	97
21) 2-Butanone	3.979	43	251166	51.94	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	141206	5.97	ug/L	96
23) Bromochloromethane	4.252	128	61411	5.63	ug/L	89
25) Chloroform	4.381	83	254049	5.73	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	142909	4.97	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	216094	5.06	ug/L	98
30) Cyclohexane	4.680	56	202508	5.98	ug/L	99
31) Carbon tetrachloride	4.831	117	186761	4.92	ug/L	100
33) Benzene	5.105	78	535573	6.20	ug/L	100
34) Trichloroethene	5.918	95	145149	6.01	ug/L	99
35) Methylcyclohexane	6.137	83	222453	6.09	ug/L	98
37) 1,2-Dichloropropane	6.178	63	128978	6.35	ug/L	97
38) Bromodichloromethane	6.513	83	163452	5.47	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	179684	5.87	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	625657	56.19	ug/L	96
42) Toluene	7.391	91	586533	6.22	ug/L	100
43) 1,3,5-Trimethylbenzene	10.545	105	531706	6.04	ug/L	100
44) 1,2,4-Trimethylbenzene	10.921	105	548170	6.10	ug/L	99
46) trans-1,3-Dichloropropene	7.654	75	146855	5.34	ug/L	100
47) 1,1,2-Trichloroethane	7.844	97	89508	5.81	ug/L	91
49) Tetrachloroethene	7.979	164	122872	5.77	ug/L	98
50) 2-Hexanone	8.143	43	436795	55.44	ug/L	92
51) Dibromochloromethane	8.252	129	104414	5.33	ug/L	96
52) 1,2-Dibromoethane	8.358	107	82488	5.68	ug/L	98
53) Chlorobenzene	8.886	112	376906	6.00	ug/L	99
54) Ethylbenzene	9.018	91	643882	6.10	ug/L	100
55) m,p-xylene	9.143	106	244860	6.16	ug/L	97
56) o-xylene	9.548	106	237634	6.16	ug/L	99
57) Styrene	9.564	104	403984	6.28	ug/L	96
58) Isopropylbenzene	9.937	105	639220	6.01	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.249	83	95324	5.68	ug/L	97
62) Bromoform	9.738	173	53525	5.11	ug/L	98
63) 1,3-Dichlorobenzene	11.188	146	315182	5.98	ug/L	99
64) 1,4-Dichlorobenzene	11.278	146	315995	5.97	ug/L	98
66) 1,2-Dichlorobenzene	11.651	146	284800	5.93	ug/L	99
67) 1,2-Dibromo-3-chloropr...	12.435	75	13686	4.56	ug/L	97
68) 1,3,5-Trichlorobenzene	12.654	180	257047	6.00	ug/L	99
69) 1,2,4-trichlorobenzene	13.268	180	203195	5.67	ug/L	98
70) Naphthalene	13.513	128	286482	5.74	ug/L	98
71) 1,2,3-Trichlorobenzene	13.754	180	180325	5.68	ug/L	98

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

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