

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022721\
 Data File : VW020407.D
 Acq On : 26 Feb 2021 10:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00541

Quant Time: Feb 27 01:03:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 24 01:23:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	315234	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	305015	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	168383	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	85906	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.568	69	72347	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.108	63	174050	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.902	46	183158	47.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.26%
24) Chloroform-d	4.349	84	180970	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.034	65	85724	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.050	84	342857	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.069	67	103152	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.317	98	333601	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloroprop...	7.625	79	39083	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
48) 2-Hexanone-d5	8.092	63	146434	48.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.64%
59) 1,1,2,2-Tetrachloroeth...	10.220	84	73303	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
65) 1,2-Dichlorobenzene-d4	11.632	152	137461	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.131	85	184214	4.69	ug/L	99
3) Chloromethane	1.240	50	146799	4.23	ug/L	96
5) Vinyl chloride	1.311	62	162392	4.39	ug/L	99
6) Bromomethane	1.523	94	102779	4.30	ug/L	98
8) Chloroethane	1.584	64	93702	4.20	ug/L	96
9) Trichlorofluoromethane	1.754	101	238849	4.61	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	131947	4.78	ug/L	96
12) 1,1-Dichloroethene	2.118	96	122722	4.58	ug/L	77
13) Acetone	2.201	43	146109	41.91	ug/L #	31
14) Carbon disulfide	2.294	76	354829	4.29	ug/L	98
15) Methyl Acetate	2.442	43	34853	4.13	ug/L	90
16) Methylene chloride	2.507	84	123686	4.28	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	237907	4.30	ug/L #	94
18) trans-1,2-Dichloroethene	2.761	96	128422	4.57	ug/L	94
19) 1,1-Dichloroethane	3.188	63	220918	4.46	ug/L	98
21) 2-Butanone	3.986	43	224029	42.14	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	131515	4.50	ug/L	94
23) Bromochloromethane	4.246	128	59894	4.70	ug/L	94
25) Chloroform	4.375	83	237820	4.54	ug/L	95

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27) 1,2-Dichloroethane	5.130	62	130463	4.35	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	210240	4.62	ug/L	97
30) Cyclohexane	4.677	56	187321	4.59	ug/L	95
31) Carbon tetrachloride	4.828	117	188348	4.84	ug/L	100
33) Benzene	5.098	78	504928	4.57	ug/L	100
34) Trichloroethene	5.915	95	139655	4.50	ug/L	97
35) Methylcyclohexane	6.130	83	215745	4.81	ug/L	96
37) 1,2-Dichloropropane	6.175	63	119316	4.53	ug/L	98
38) Bromodichloromethane	6.510	83	154329	4.50	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	168983	4.57	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	555390	42.51	ug/L	94
42) Toluene	7.391	91	557494	4.65	ug/L	100
43) 1,3,5-Trimethylbenzene	10.545	105	520994	4.92	ug/L	99
44) 1,2,4-Trimethylbenzene	10.921	105	534987	4.96	ug/L	98
46) trans-1,3-Dichloropropene	7.654	75	137181	4.54	ug/L	99
47) 1,1,2-Trichloroethane	7.841	97	82930	4.36	ug/L	90
49) Tetrachloroethene	7.976	164	122981	4.79	ug/L	98
50) 2-Hexanone	8.143	43	388605	42.43	ug/L	91
51) Dibromochloromethane	8.249	129	103655	4.68	ug/L	96
52) 1,2-Dibromoethane	8.355	107	79002	4.58	ug/L	97
53) Chlorobenzene	8.886	112	366660	4.64	ug/L	99
54) Ethylbenzene	9.014	91	616706	4.70	ug/L	100
55) m,p-xylene	9.143	106	240662	4.87	ug/L	99
56) o-xylene	9.548	106	228297	4.81	ug/L	95
57) Styrene	9.564	104	391066	4.90	ug/L	93
58) Isopropylbenzene	9.937	105	629678	4.88	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.246	83	87094	4.31	ug/L	99
62) Bromoform	9.738	173	53597	4.53	ug/L	99
63) 1,3-Dichlorobenzene	11.188	146	313217	4.66	ug/L	99
64) 1,4-Dichlorobenzene	11.278	146	311550	4.56	ug/L	98
66) 1,2-Dichlorobenzene	11.651	146	278449	4.55	ug/L	98
67) 1,2-Dibromo-3-chloropr...	12.435	75	12427	4.14	ug/L	85
68) 1,3,5-Trichlorobenzene	12.651	180	261676	4.80	ug/L	98
69) 1,2,4-trichlorobenzene	13.268	180	203600	4.69	ug/L	98
70) Naphthalene	13.513	128	261813	4.33	ug/L	98
71) 1,2,3-Trichlorobenzene	13.754	180	178287	4.72	ug/L	97

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

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