

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011022\
 Data File : VW024321.D
 Acq On : 10 Jan 2022 13:11
 Operator : SY/MD
 Sample : MDL06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Quant Time: Jan 11 01:58:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 11 01:51:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	102243	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	102246	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29011	3.494	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.568	69	25908	3.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.108	63	45779	2.811	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.200%#
20) 2-Butanone-d5	3.912	46	50964m	47.213	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.420%
24) Chloroform-d	4.346	84	67048	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.031	65	32468	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.050	84	122203	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.066	67	35098	4.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.313	98	110806	3.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.622	79	13386	3.926	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.088	63	45111	42.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.680%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	24622	4.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	46698	4.837	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	3274	0.255	ug/L	99
3) Chloromethane	1.240	50	2260	0.263	ug/L	97
5) Vinyl chloride	1.310	62	2574	0.272	ug/L #	77
6) Bromomethane	1.523	94	1598	0.255	ug/L	84
8) Chloroethane	1.584	64	1990	0.334	ug/L	93
9) Trichlorofluoromethane	1.754	101	4588	0.245	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	3082	0.326	ug/L	91
12) 1,1-Dichloroethene	2.114	96	2383	0.295	ug/L #	1
13) Acetone	2.233	43	2820m	2.717	ug/L	
14) Carbon disulfide	2.294	76	4689	0.247	ug/L #	94
15) Methyl Acetate	2.445	43	485	0.223	ug/L #	67
16) Methylene chloride	2.507	84	4581	0.370	ug/L	90
17) Methyl tert-butyl Ether	2.767	73	4803	0.248	ug/L #	94
18) trans-1,2-Dichloroethene	2.764	96	2278	0.265	ug/L	82
19) 1,1-Dichloroethane	3.188	63	4111	0.269	ug/L	91
21) 2-Butanone	4.056	43	3432m	2.438	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	2575	0.273	ug/L	75
23) Bromochloromethane	4.240	128	1016m	0.242	ug/L	
25) Chloroform	4.368	83	5925	0.325	ug/L	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	2559m	0.253	ug/L	
29) 1,1,1-Trichloroethane	4.606	97	4557	0.260	ug/L	95
30) Cyclohexane	4.677	56	2520	0.228	ug/L #	84
31) Carbon tetrachloride	4.825	117	3826	0.240	ug/L	97
33) Benzene	5.101	78	8795m	0.261	ug/L	
34) Trichloroethene	5.918	95	2417	0.256	ug/L	95
35) Methylcyclohexane	6.124	83	3006	0.228	ug/L	97
37) 1,2-Dichloropropane	6.175	63	2195	0.281	ug/L #	84
38) Bromodichloromethane	6.513	83	3349	0.272	ug/L #	92
39) cis-1,3-Dichloropropene	7.030	75	3297	0.277	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	7893	1.972	ug/L #	86
42) Toluene	7.391	91	10573	0.272	ug/L	95
44) trans-1,3-Dichloropropene	7.654	75	2560	0.239	ug/L	98
45) 1,1,2-Trichloroethane	7.847	97	1544	0.243	ug/L #	85
47) Tetrachloroethene	7.976	164	2074	0.236	ug/L	95
48) 2-Hexanone	8.146	43	13639	4.619	ug/L	98
49) Dibromochloromethane	8.246	129	2299	0.263	ug/L	96
50) 1,2-Dibromoethane	8.352	107	1481	0.257	ug/L #	98
51) Chlorobenzene	8.882	112	6878	0.257	ug/L	98
52) Ethylbenzene	9.014	91	9655	0.227	ug/L	99
53) m,p-xylene	9.143	106	3777	0.221	ug/L	88
54) o-xylene	9.545	106	3687	0.221	ug/L	85
55) Styrene	9.567	104	6192	0.220	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	1672	0.259	ug/L #	82
59) Bromoform	9.735	173	1237	0.267	ug/L #	82
60) Isopropylbenzene	9.931	105	9846	0.240	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	1383	0.308	ug/L #	89
62) 1,3,5-Trimethylbenzene	10.538	105	7777	0.221	ug/L	95
63) 1,2,4-Trimethylbenzene	10.918	105	8188	0.229	ug/L	95
64) 1,3-Dichlorobenzene	11.185	146	5603	0.257	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	5726	0.264	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	5274	0.268	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	319	0.324	ug/L #	64
69) 1,3,5-Trichlorobenzene	12.644	180	4551	0.253	ug/L	95
70) 1,2,4-trichlorobenzene	13.262	180	3440	0.243	ug/L	98
71) Naphthalene	13.506	128	4326	0.219	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.744	180	2817	0.231	ug/L	99

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

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