

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025031.D
 Acq On : 16 Mar 2022 05:05
 Operator : SY/MD
 Sample : N1933-02MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDB4MS

Quant Time: Mar 16 06:50:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 05:10:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	156615	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	147140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59143	4.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.571	69	45585	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.111	63	101321	5.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	3.892	46	94431	63.194	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.380%
24) Chloroform-d	4.349	84	107327	5.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.034	65	45750	5.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.053	84	217433	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.069	67	63939	5.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.317	98	200105	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	7.625	79	21306	4.979	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.088	63	78083	53.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39066	5.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	61617	5.052	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	71259	5.150	ug/L	97
3) Chloromethane	1.243	50	66842	5.122	ug/L	99
5) Vinyl chloride	1.314	62	71280	5.177	ug/L	99
6) Bromomethane	1.526	94	43867	4.930	ug/L	99
8) Chloroethane	1.587	64	41465	4.966	ug/L	97
9) Trichlorofluoromethane	1.754	101	96897	5.174	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	53432	5.262	ug/L	99
12) 1,1-Dichloroethene	2.121	96	52155	5.228	ug/L	94
13) Acetone	2.182	43	68567	68.609	ug/L	83
14) Carbon disulfide	2.298	76	177217	4.964	ug/L	100
15) Methyl Acetate	2.442	43	13317	4.864	ug/L	92
16) Methylene chloride	2.510	84	60614	5.014	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	112236	5.164	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	62008	5.164	ug/L	99
19) 1,1-Dichloroethane	3.195	63	107090	5.241	ug/L	100
21) 2-Butanone	3.976	43	98203	62.259	ug/L	80
22) cis-1,2-Dichloroethene	3.915	96	65052	5.366	ug/L	94
23) Bromochloromethane	4.253	128	25504	5.336	ug/L	96
25) Chloroform	4.378	83	123632	5.811	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	55233	5.221	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	97331	5.187	ug/L	98
30) Cyclohexane	4.677	56	92364	5.059	ug/L	100
31) Carbon tetrachloride	4.831	117	92140	5.723	ug/L	99
33) Benzene	5.101	78	249728	5.218	ug/L	100
34) Trichloroethene	5.915	95	68072	5.342	ug/L	99
35) Methylcyclohexane	6.133	83	100310	4.973	ug/L	99
37) 1,2-Dichloropropane	6.175	63	59907	5.447	ug/L	99
38) Bromodichloromethane	6.510	83	72322	5.200	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	75317	4.932	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	248048	54.811	ug/L	96
42) Toluene	7.387	91	267328	5.337	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	59741	4.972	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	39180	5.334	ug/L	99
47) Tetrachloroethene	7.976	164	46587	5.197	ug/L	98
48) 2-Hexanone	8.137	43	172995	53.920	ug/L	99
49) Dibromochloromethane	8.246	129	41753	5.078	ug/L	100
50) 1,2-Dibromoethane	8.352	107	35579	5.292	ug/L	100
51) Chlorobenzene	8.879	112	162094	5.168	ug/L	98
52) Ethylbenzene	9.011	91	281064	5.305	ug/L	99
53) m,p-xylene	9.137	106	108006	5.293	ug/L	99
54) o-xylene	9.542	106	101908	5.223	ug/L	94
55) Styrene	9.561	104	166302	5.233	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	40557	5.632	ug/L	96
59) Bromoform	9.731	173	18084	4.661	ug/L	100
60) Isopropylbenzene	9.931	105	277846	5.114	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	30861	5.094	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	123299	5.001	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	222664	5.100	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	121301	5.147	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	117836	4.960	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	105402	5.047	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5250	5.055	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	80996	4.866	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	62322	4.805	ug/L	97
71) Naphthalene	13.500	128	102090	4.740	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	54073	4.920	ug/L	98

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

