

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025032.D
 Acq On : 16 Mar 2022 05:29
 Operator : SY/MD
 Sample : N1933-03MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDB4MSD

Quant Time: Mar 16 06:51:12 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	164489	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75165	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59349	4.570	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.400%	
7) Chloroethane-d5	1.571	69	44564	4.686	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.800%	
11) 1,1-Dichloroethene-d2	2.111	63	100980	4.811	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.200%	
20) 2-Butanone-d5	3.892	46	97275	61.981	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.960%	
24) Chloroform-d	4.352	84	108344	5.030	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.034	65	44929	4.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
32) Benzene-d6	5.050	84	217495	4.796	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
36) 1,2-Dichloropropane-d6	6.069	67	62306	4.778	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.317	98	197091	4.769	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
43) trans-1,3-Dichloroprop...	7.625	79	21266	4.678	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.088	63	80528	51.931	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.860%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39541	5.154	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	62064	4.877	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	72190	4.967	ug/L	99
3) Chloromethane	1.243	50	67098	4.895	ug/L	99
5) Vinyl chloride	1.314	62	72322	5.001	ug/L	99
6) Bromomethane	1.526	94	45155	4.832	ug/L	98
8) Chloroethane	1.587	64	42604	4.858	ug/L	99
9) Trichlorofluoromethane	1.754	101	99283	5.048	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	54087	5.071	ug/L	99
12) 1,1-Dichloroethene	2.121	96	54503	5.201	ug/L	98
13) Acetone	2.182	43	67386	64.200	ug/L	82
14) Carbon disulfide	2.298	76	180897	4.825	ug/L	100
15) Methyl Acetate	2.442	43	12980	4.514	ug/L	96
16) Methylene chloride	2.510	84	60959	4.801	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	116228	5.092	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	63246	5.015	ug/L	96
19) 1,1-Dichloroethane	3.195	63	110328	5.141	ug/L	100
21) 2-Butanone	3.973	43	100570	60.707	ug/L	80
22) cis-1,2-Dichloroethene	3.915	96	66692	5.238	ug/L	100
23) Bromochloromethane	4.256	128	26614	5.302	ug/L	97
25) Chloroform	4.378	83	122829	5.497	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	56296	5.066	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	98409	4.936	ug/L	98
30) Cyclohexane	4.677	56	94223	4.858	ug/L	99
31) Carbon tetrachloride	4.831	117	93699	5.478	ug/L	99
33) Benzene	5.101	78	252841	4.972	ug/L	100
34) Trichloroethene	5.915	95	67152	4.960	ug/L	96
35) Methylcyclohexane	6.130	83	101724	4.746	ug/L	97
37) 1,2-Dichloropropane	6.172	63	59149	5.062	ug/L	100
38) Bromodichloromethane	6.510	83	72906	4.934	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	78589	4.844	ug/L	94
40) 4-Methyl-2-pentanone	7.227	43	252120	52.435	ug/L	98
42) Toluene	7.387	91	273723	5.144	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	60863	4.767	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	38877	4.981	ug/L	96
47) Tetrachloroethene	7.976	164	47049	4.940	ug/L	97
48) 2-Hexanone	8.140	43	175107	51.368	ug/L	98
49) Dibromochloromethane	8.246	129	43164	4.941	ug/L	99
50) 1,2-Dibromoethane	8.352	107	36338	5.087	ug/L	97
51) Chlorobenzene	8.883	112	167943	5.040	ug/L	99
52) Ethylbenzene	9.011	91	287705	5.111	ug/L	99
53) m,p-xylene	9.136	106	109799	5.065	ug/L	99
54) o-xylene	9.542	106	106014	5.114	ug/L	94
55) Styrene	9.561	104	169981	5.035	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	40526	5.296	ug/L	96
59) Bromoform	9.731	173	18830	4.651	ug/L	97
60) Isopropylbenzene	9.931	105	283640	5.004	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	30654	4.849	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	126934	4.935	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	232436	5.102	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	124282	5.054	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	123095	4.966	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	110650	5.079	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5279	4.872	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	84331	4.855	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	67323	4.975	ug/L	99
71) Naphthalene	13.500	128	112642	5.013	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57933	5.052	ug/L	99

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

