

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025145.D
 Acq On : 23 Mar 2022 20:37
 Operator : SY/MD
 Sample : N2083-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW607MSD

Quant Time: Mar 24 01:20:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127978	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	120724	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41430	4.100	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.000%	
7) Chloroethane-d5	1.571	69	37444	5.061	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.200%	
11) 1,1-Dichloroethene-d2	2.111	63	76476	4.683	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.600%	
20) 2-Butanone-d5	3.896	46	99361	81.372	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	162.740%#	
24) Chloroform-d	4.352	84	93917	5.605	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.000%	
26) 1,2-Dichloroethane-d4	5.037	65	39957	5.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.000%	
32) Benzene-d6	5.050	84	179906	5.137	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
36) 1,2-Dichloropropane-d6	6.069	67	55912	5.552	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.000%	
41) Toluene-d8	7.317	98	157627	4.939	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
43) trans-1,3-Dichloroprop...	7.625	79	17936	5.109	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.200%	
46) 2-Hexanone-d5	8.088	63	83566	69.786	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	139.580%#	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39752	6.710	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	134.200%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	58074	5.592	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	52573	4.649	ug/L	98
3) Chloromethane	1.243	50	47590	4.462	ug/L	98
5) Vinyl chloride	1.314	62	68768	6.112	ug/L	99
6) Bromomethane	1.523	94	28350	3.899	ug/L	100
8) Chloroethane	1.587	64	439097	64.359	ug/L	99
9) Trichlorofluoromethane	1.754	101	74546	4.871	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	42291	5.096	ug/L	99
12) 1,1-Dichloroethene	2.121	96	41101	5.041	ug/L	99
13) Acetone	2.185	43	48815	59.775	ug/L	80
14) Carbon disulfide	2.297	76	130358	4.469	ug/L	99
15) Methyl Acetate	2.445	43	12700	5.676	ug/L	91
16) Methylene chloride	2.510	84	47660	4.824	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	97336	5.481	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	54940	5.600	ug/L	99
19) 1,1-Dichloroethane	3.191	63	578915	34.669	ug/L	98
21) 2-Butanone	3.979	43	78781	61.122	ug/L	80
22) cis-1,2-Dichloroethene	3.912	96	83189	8.398	ug/L	97
23) Bromochloromethane	4.252	128	20283	5.194	ug/L	98
25) Chloroform	4.378	83	88373	5.083	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	45330	5.243	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	344405	22.371	ug/L	99
30) Cyclohexane	4.680	56	72279	4.825	ug/L	99
31) Carbon tetrachloride	4.828	117	65209	4.937	ug/L	100
33) Benzene	5.101	78	194267	4.947	ug/L	100
34) Trichloroethene	5.912	95	147913	14.147	ug/L	99
35) Methylcyclohexane	6.130	83	90416	5.463	ug/L	100
37) 1,2-Dichloropropane	6.175	63	46981	5.206	ug/L	100
38) Bromodichloromethane	6.513	83	58263	5.106	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	60238	4.808	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	195872	52.752	ug/L	98
42) Toluene	7.387	91	209754	5.104	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	47016	4.769	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	31353	5.202	ug/L	98
47) Tetrachloroethene	7.976	164	81791	11.120	ug/L	97
48) 2-Hexanone	8.140	43	135500	51.475	ug/L	95
49) Dibromochloromethane	8.246	129	34056	5.048	ug/L	100
50) 1,2-Dibromoethane	8.352	107	28610	5.187	ug/L	98
51) Chlorobenzene	8.882	112	130724	5.080	ug/L	99
52) Ethylbenzene	9.011	91	246695	5.675	ug/L	98
53) m,p-xylene	9.136	106	85685	5.118	ug/L	100
54) o-xylene	9.542	106	83355	5.207	ug/L	96
55) Styrene	9.561	104	139838	5.363	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	36077	6.106	ug/L	99
59) Bromoform	9.731	173	14565	4.408	ug/L	99
60) Isopropylbenzene	9.931	105	347862	7.519	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	25419	4.927	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	116383	5.544	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	189000	5.084	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	98747	4.921	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	98608	4.874	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	116286	6.540	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4898	5.538	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	71829	5.067	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	58710	5.316	ug/L	98
71) Naphthalene	13.500	128	199620	10.885	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	49315	5.270	ug/L	97

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

