

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081922\
 Data File : VW027451.D
 Acq On : 19 Aug 2022 19:36
 Operator : SY/MD
 Sample : N4253-06MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9E1MS

Quant Time: Aug 20 06:08:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	136666	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	133076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	48251	4.961	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.200%	
7) Chloroethane-d5	1.565	69	44102	6.195	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	124.000%	
11) 1,1-Dichloroethene-d2	2.105	63	109192	4.814	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.200%	
20) 2-Butanone-d5	3.889	46	88285	72.935	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	145.860%#	
24) Chloroform-d	4.343	84	103621	5.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
26) 1,2-Dichloroethane-d4	5.027	65	44398	5.277	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	5.047	84	190309	5.163	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
36) 1,2-Dichloropropane-d6	6.066	67	54492	5.085	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.313	98	177577	5.336	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.800%	
43) trans-1,3-Dichloroprop...	7.622	79	19117	5.210	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.200%	
46) 2-Hexanone-d5	8.088	63	63729	52.763	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.520%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36710	5.379	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54277	5.153	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	79039	5.450	ug/L	99
3) Chloromethane	1.237	50	68490	5.408	ug/L	99
5) Vinyl chloride	1.307	62	67245	5.275	ug/L	99
6) Bromomethane	1.516	94	37342	5.924	ug/L	98
8) Chloroethane	1.581	64	48252	6.477	ug/L	95
9) Trichlorofluoromethane	1.748	101	106141	5.241	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	60546	5.296	ug/L	98
12) 1,1-Dichloroethene	2.114	96	54220	5.243	ug/L	97
13) Acetone	2.172	43	85621	74.067	ug/L	100
14) Carbon disulfide	2.288	76	148475	5.232	ug/L	100
15) Methyl Acetate	2.436	43	22962	7.173	ug/L	100
16) Methylene chloride	2.500	84	60213	3.863	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	115424	5.395	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	56977	5.348	ug/L	98
19) 1,1-Dichloroethane	3.185	63	115411	5.233	ug/L	99
21) 2-Butanone	3.970	43	121720	79.120	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	59714	5.260	ug/L	99
23) Bromochloromethane	4.243	128	26388	5.271	ug/L	96
25) Chloroform	4.371	83	127064	5.299	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70101	5.753	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	109674	5.369	ug/L	100
30) Cyclohexane	4.674	56	85839	5.475	ug/L	94
31) Carbon tetrachloride	4.825	117	93530	5.265	ug/L	97
33) Benzene	5.095	78	251273	5.679	ug/L	100
34) Trichloroethene	5.912	95	61723	5.301	ug/L	99
35) Methylcyclohexane	6.127	83	86905	5.307	ug/L	98
37) 1,2-Dichloropropane	6.169	63	65220	5.529	ug/L	99
38) Bromodichloromethane	6.506	83	81688	5.462	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	76706	5.393	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	311668	59.135	ug/L	99
42) Toluene	7.384	91	266195	5.829	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	63082	5.246	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	41717	5.532	ug/L	98
47) Tetrachloroethene	7.973	164	49723	5.482	ug/L	96
48) 2-Hexanone	8.137	43	223125	58.752	ug/L	98
49) Dibromochloromethane	8.243	129	50789	5.476	ug/L	95
50) 1,2-Dibromoethane	8.352	107	37315	5.669	ug/L	96
51) Chlorobenzene	8.879	112	163172	5.520	ug/L	99
52) Ethylbenzene	9.011	91	255686	5.485	ug/L	99
53) m,p-Xylene	9.137	106	102195	5.729	ug/L	97
54) o-Xylene	9.542	106	95457	5.517	ug/L	95
55) Styrene	9.558	104	166924	5.670	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	48251	5.680	ug/L	98
59) Bromoform	9.728	173	24795	5.207	ug/L	98
60) Isopropylbenzene	9.931	105	259248	5.546	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	34732	5.572	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	69754	5.381	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	195253	5.346	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	128058	5.560	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	125002	5.444	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	113927	5.456	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7253	5.238	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	91645	5.330	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	66864	5.352	ug/L	99
71) Naphthalene	13.500	128	91328	5.295	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59232	5.338	ug/L	97

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

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