

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023707.D
 Acq On : 24 Nov 2021 17:51
 Operator : SY/MD
 Sample : M4821-09MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4657MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 26 01:55:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137487	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	133663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73674	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39276	3.480	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.600%	
7) Chloroethane-d5	1.568	69	33977	3.830	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.600%	
11) 1,1-Dichloroethene-d2	2.111	63	77622	3.902	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.000%	
20) 2-Butanone-d5	3.902	46	61542	45.358	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.720%	
24) Chloroform-d	4.349	84	82888	4.217	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
26) 1,2-Dichloroethane-d4	5.034	65	39739	4.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
32) Benzene-d6	5.053	84	155152	4.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
36) 1,2-Dichloropropane-d6	6.072	67	44273	4.337	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.800%	
41) Toluene-d8	7.316	98	145019	4.263	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	7.622	79	17649	4.289	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.091	63	74601	54.571	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.140%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36612	4.984	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	57443	4.410	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	63621	4.877	ug/L	99
3) Chloromethane	1.240	50	52598	4.638	ug/L	95
5) Vinyl chloride	1.310	62	58375	4.902	ug/L	98
6) Bromomethane	1.523	94	24766	3.667	ug/L	99
8) Chloroethane	1.587	64	40041	5.306	ug/L	98
9) Trichlorofluoromethane	1.754	101	96619	4.979	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	49142	5.053	ug/L	98
12) 1,1-Dichloroethene	2.121	96	47254	5.130	ug/L	96
13) Acetone	2.195	43	50803m	41.611	ug/L	
14) Carbon disulfide	2.297	76	152948	4.940	ug/L	98
15) Methyl Acetate	2.442	43	11096	4.004	ug/L	91
16) Methylene chloride	2.510	84	50174	3.817	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	6292915	333.356	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	53771	5.125	ug/L	94
19) 1,1-Dichloroethane	3.191	63	89867	5.094	ug/L	99
21) 2-Butanone	3.985	43	60940	39.435	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	67272	6.686	ug/L	95
23) Bromochloromethane	4.249	128	24241	5.133	ug/L	96
25) Chloroform	4.378	83	96943	4.932	ug/L	99

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27) 1,2-Dichloroethane	5.133	62	52724	5.046	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	90382	5.174	ug/L	100
30) Cyclohexane	4.677	56	77033	5.285	ug/L	100
31) Carbon tetrachloride	4.828	117	82108	5.132	ug/L	99
33) Benzene	5.101	78	202497	5.314	ug/L	100
34) Trichloroethene	5.915	95	56292	5.515	ug/L	98
35) Methylcyclohexane	6.133	83	84135	5.287	ug/L	98
37) 1,2-Dichloropropane	6.175	63	46462	5.129	ug/L	98
38) Bromodichloromethane	6.509	83	65886	5.359	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	66213	5.137	ug/L	96
40) 4-Methyl-2-pentanone	7.226	43	237756	54.986	ug/L	99
42) Toluene	7.387	91	231570	5.604	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	57856	5.340	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	33707	5.374	ug/L	96
47) Tetrachloroethene	7.976	164	48783	5.250	ug/L	99
48) 2-Hexanone	8.140	43	170275	53.280	ug/L	99
49) Dibromochloromethane	8.246	129	46049	5.358	ug/L	99
50) 1,2-Dibromoethane	8.352	107	32781	5.360	ug/L	95
51) Chlorobenzene	8.882	112	145501	5.311	ug/L	99
52) Ethylbenzene	9.011	91	235860	5.460	ug/L	99
53) m,p-xylene	9.140	106	94974	5.524	ug/L	99
54) o-xylene	9.545	106	91765	5.613	ug/L	95
55) Styrene	9.561	104	157316	5.710	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	38539	5.523	ug/L	98
59) Bromoform	9.731	173	25707	5.283	ug/L	98
60) Isopropylbenzene	9.931	105	243848	5.543	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	27146	5.195	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	204820	5.595	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	205927	5.689	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	122552	5.449	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	120175	5.316	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	108316	5.262	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5769	5.560	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	91331	5.201	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	69625	5.110	ug/L	95
71) Naphthalene	13.503	128	96914	5.285	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	64203	5.438	ug/L	98

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

