

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024026.D
 Acq On : 16 Dec 2021 20:26
 Operator : SY/MD
 Sample : M5113-05MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBLV6MS

Quant Time: Dec 17 02:03:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	97484	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101416	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60555	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23409	4.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.568	69	20098	4.597	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.108	63	53867	5.266	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.400%
20) 2-Butanone-d5	3.895	46	57793	56.446	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.900%
24) Chloroform-d	4.349	84	57889	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.034	65	27594	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.053	84	100643	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.072	67	29506	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.317	98	102296	5.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
43) trans-1,3-Dichloroprop...	7.625	79	12525	4.982	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.088	63	47883	42.545	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	22627	4.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	39713	4.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42882	5.054	ug/L	100
3) Chloromethane	1.240	50	36378	5.018	ug/L	96
5) Vinyl chloride	1.310	62	40546	5.156	ug/L	99
6) Bromomethane	1.519	94	24551	4.913	ug/L	100
8) Chloroethane	1.584	64	26186	5.118	ug/L	98
9) Trichlorofluoromethane	1.751	101	72772	5.326	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38653	5.371	ug/L	99
12) 1,1-Dichloroethene	2.117	96	34764	5.315	ug/L	95
13) Acetone	2.185	43	59394	72.508	ug/L	77
14) Carbon disulfide	2.294	76	87154	4.594	ug/L	99
15) Methyl Acetate	2.439	43	12406	6.248	ug/L	100
16) Methylene chloride	2.506	84	38769	4.531	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	84319	5.701	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	37934	5.239	ug/L	96
19) 1,1-Dichloroethane	3.188	63	70714	5.442	ug/L	99
21) 2-Butanone	3.979	43	79208	67.677	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	42968	5.607	ug/L	99
23) Bromochloromethane	4.249	128	20381	5.852	ug/L	# 90
25) Chloroform	4.378	83	80325	5.561	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	45791	5.851	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	74494	5.614	ug/L	100
30) Cyclohexane	4.677	56	52876	5.025	ug/L	98
31) Carbon tetrachloride	4.828	117	66006	5.292	ug/L	98
33) Benzene	5.098	78	165467	5.767	ug/L	100
34) Trichloroethene	5.915	95	42888	5.300	ug/L	97
35) Methylcyclohexane	6.130	83	57257	4.807	ug/L	98
37) 1,2-Dichloropropane	6.175	63	38360	5.625	ug/L	100
38) Bromodichloromethane	6.509	83	53743	5.564	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	51504	5.088	ug/L	95
40) 4-Methyl-2-pentanone	7.226	43	207026	63.202	ug/L	98
42) Toluene	7.387	91	179185	5.549	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	46332	5.295	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	29209	5.790	ug/L	97
47) Tetrachloroethene	7.976	164	36710	5.153	ug/L	95
48) 2-Hexanone	8.140	43	149952	63.134	ug/L	98
49) Dibromochloromethane	8.246	129	38046	5.543	ug/L	99
50) 1,2-Dibromoethane	8.352	107	26472	5.652	ug/L	92
51) Chlorobenzene	8.882	112	124911	5.788	ug/L	98
52) Ethylbenzene	9.011	91	183264	5.379	ug/L	99
53) m,p-xylene	9.140	106	73927	5.487	ug/L	97
54) o-xylene	9.545	106	69895	5.364	ug/L	99
55) Styrene	9.561	104	71334	3.289	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	31947	5.783	ug/L	97
59) Bromoform	9.731	173	19835	5.104	ug/L	99
60) Isopropylbenzene	9.931	105	196187	5.518	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	23109	5.602	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	155518	5.273	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	162876	5.543	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	100046	5.502	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	98734	5.406	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	92273	5.539	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5271	5.850	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	74950	5.012	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	58094	4.946	ug/L	96
71) Naphthalene	13.503	128	88921	5.267	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54991	5.303	ug/L	99

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

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