

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024049.D
 Acq On : 17 Dec 2021 06:29
 Operator : SY/MD
 Sample : M5133-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBBH3MS

Quant Time: Dec 17 07:45:05 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	5.619	114	87579	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	94455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	24842	5.276	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.600%		
7) Chloroethane-d5	1.568	69	21378	5.442	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.800%		
11) 1,1-Dichloroethene-d2	2.111	63	55441	6.033	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 120.600%		
20) 2-Butanone-d5	3.908	46	51294	55.764	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 111.520%		
24) Chloroform-d	4.349	84	60192	5.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 112.800%		
26) 1,2-Dichloroethane-d4	5.034	65	28846	5.809	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.200%		
32) Benzene-d6	5.053	84	108255	5.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 115.800%		
36) 1,2-Dichloropropane-d6	6.069	67	30788	5.455	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.000%		
41) Toluene-d8	7.317	98	107945	6.409	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 128.200%		
43) trans-1,3-Dichloroprop...	7.622	79	11953	5.105	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 102.000%		
46) 2-Hexanone-d5	8.092	63	51957	49.567	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 99.140%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24064	5.139	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 102.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	42290	5.635	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 112.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	42495	5.575	ug/L	99
3) Chloromethane	1.240	50	35691	5.480	ug/L	95
5) Vinyl chloride	1.310	62	40121	5.679	ug/L	100
6) Bromomethane	1.523	94	24560	5.471	ug/L	97
8) Chloroethane	1.584	64	25895	5.634	ug/L	99
9) Trichlorofluoromethane	1.754	101	72275	5.888	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	38362	5.934	ug/L	99
12) 1,1-Dichloroethene	2.118	96	35246	5.998	ug/L	97
13) Acetone	2.195	43	52357	71.147	ug/L	85
14) Carbon disulfide	2.294	76	88784	5.209	ug/L	100
15) Methyl Acetate	2.445	43	7009	3.929	ug/L #	78
16) Methylene chloride	2.507	84	39243	5.105	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	84520	6.361	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	37501	5.765	ug/L	96
19) 1,1-Dichloroethane	3.188	63	68494	5.867	ug/L	99
21) 2-Butanone	3.989	43	64802	61.630	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	39847	5.787	ug/L	93
23) Bromochloromethane	4.249	128	19323	6.176	ug/L	89
25) Chloroform	4.375	83	88496	6.819	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	44629	6.348	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	72861	5.896	ug/L	99
30) Cyclohexane	4.677	56	49476	5.048	ug/L	97
31) Carbon tetrachloride	4.828	117	76005	6.543	ug/L	99
33) Benzene	5.098	78	153028	5.727	ug/L	100
34) Trichloroethene	5.915	95	42133	5.590	ug/L	97
35) Methylcyclohexane	6.130	83	56115	5.059	ug/L	98
37) 1,2-Dichloropropane	6.172	63	36978	5.822	ug/L	100
38) Bromodichloromethane	6.510	83	53368	5.932	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	49859	5.288	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	210125	68.875	ug/L	99
42) Toluene	7.387	91	174333	5.797	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	44350	5.442	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	28778	6.125	ug/L	99
47) Tetrachloroethene	7.976	164	38316	5.775	ug/L	96
48) 2-Hexanone	8.140	43	153311	69.305	ug/L	99
49) Dibromochloromethane	8.246	129	37681	5.894	ug/L	100
50) 1,2-Dibromoethane	8.352	107	26132	5.990	ug/L #	95
51) Chlorobenzene	8.883	112	112395	5.592	ug/L	97
52) Ethylbenzene	9.011	91	175897	5.544	ug/L	99
53) m,p-xylene	9.140	106	71293	5.681	ug/L	100
54) o-xylene	9.542	106	67931	5.598	ug/L	98
55) Styrene	9.561	104	106780	5.286	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	31763	6.173	ug/L	99
59) Bromoform	9.731	173	20381	5.652	ug/L	96
60) Isopropylbenzene	9.931	105	187515	5.684	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	23513	6.143	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	149083	5.448	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	152312	5.586	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	96846	5.740	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	94287	5.564	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	91011	5.888	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5117	6.121	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	73212	5.276	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	55969	5.135	ug/L	98
71) Naphthalene	13.503	128	85475	5.456	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	52508	5.457	ug/L	98

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

