

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
 Data File : VW021431.D
 Acq On : 26 May 2021 17:21
 Operator : SY/MD
 Sample : M2528-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YARK5MSD

Quant Time: May 27 02:06:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	228101	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	213450	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123026	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40871	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.568	69	43255	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.111	63	89919	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	3.896	46	194921	56.19	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.38%
24) Chloroform-d	4.352	84	128805	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.037	65	60738	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.053	84	238574	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.076	67	77416	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.320	98	215433	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloroprop...	7.625	79	32166	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.088	63	170726	52.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.62%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	66613	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	99995	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	81182	5.30	ug/L	99
3) Chloromethane	1.243	50	76605	5.71	ug/L	98
5) Vinyl chloride	1.310	62	80645	5.78	ug/L	100
6) Bromomethane	1.523	94	53914	5.90	ug/L	99
8) Chloroethane	1.587	64	48290	5.75	ug/L	99
9) Trichlorofluoromethane	1.754	101	119011	5.53	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	70994	5.92	ug/L	99
12) 1,1-Dichloroethene	2.121	96	66306	5.86	ug/L	98
13) Acetone	2.188	43	107899	55.17	ug/L #	30
14) Carbon disulfide	2.298	76	204744	5.38	ug/L	99
15) Methyl Acetate	2.442	43	28096	6.09	ug/L	98
16) Methylene chloride	2.510	84	76875	4.13	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	183471	5.61	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	77225	5.47	ug/L	98
19) 1,1-Dichloroethane	3.195	63	136661	5.48	ug/L	98
21) 2-Butanone	3.979	43	188900	56.70	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	87142	5.67	ug/L	98
23) Bromochloromethane	4.256	128	39679	5.74	ug/L	94
25) Chloroform	4.378	83	154769	6.06	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	77610	5.61	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	132670	5.54	ug/L	100
30) Cyclohexane	4.680	56	120833	5.12	ug/L	99
31) Carbon tetrachloride	4.831	117	127426	5.86	ug/L	99
33) Benzene	5.105	78	304635	5.47	ug/L	100
34) Trichloroethene	5.918	95	107708	7.04	ug/L	99
35) Methylcyclohexane	6.133	83	132935	5.28	ug/L	99
37) 1,2-Dichloropropane	6.178	63	76023	5.50	ug/L	99
38) Bromodichloromethane	6.513	83	104749	5.55	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	121176	5.48	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	466578	55.18	ug/L	99
42) Toluene	7.391	91	342064	5.55	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	100124	5.51	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	56635	5.54	ug/L	98
47) Tetrachloroethene	7.979	164	95149	6.82	ug/L	98
48) 2-Hexanone	8.140	43	325355	56.60	ug/L	99
49) Dibromochloromethane	8.249	129	77274	5.57	ug/L	99
50) 1,2-Dibromoethane	8.355	107	54552	5.54	ug/L	99
51) Chlorobenzene	8.883	112	225083	5.53	ug/L	99
52) Ethylbenzene	9.014	91	380831	5.53	ug/L	99
53) m,p-xylene	9.140	106	146851	5.53	ug/L	98
54) o-xylene	9.545	106	143153	5.52	ug/L	99
55) Styrene	9.561	104	238821	5.46	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	67384	5.60	ug/L	95
59) Bromoform	9.735	173	49607	5.58	ug/L	99
60) Isopropylbenzene	9.931	105	397808	5.46	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	47511	5.44	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	331866	5.35	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	340239	5.36	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	196574	5.48	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	193675	5.41	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	181681	5.48	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	11719	5.48	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	174845	5.42	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	145383	5.43	ug/L	98
71) Naphthalene	13.503	128	231466	5.52	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	129425	5.45	ug/L	99

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

