

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024632.D
 Acq On : 12 Feb 2022 03:15
 Operator : SY/MD
 Sample : N1480-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW9MSD

Quant Time: Feb 12 07:11:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 07:08:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115394	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	60313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	36515	3.775	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.571	69	36509	4.465	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.114	63	91904	4.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.895	46	95384	59.402	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.800%
24) Chloroform-d	4.352	84	84010	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.034	65	38433	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.053	84	159119	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.069	67	48563	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.316	98	142956	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.622	79	18101	4.297	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	81311	54.785	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.560%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	33316	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	47921	4.929	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	80839	5.331	ug/L	100
3) Chloromethane	1.243	50	78850	5.285	ug/L	97
5) Vinyl chloride	1.313	62	84679	5.270	ug/L	99
6) Bromomethane	1.526	94	52566	5.314	ug/L	99
8) Chloroethane	1.587	64	58638	5.958	ug/L	99
9) Trichlorofluoromethane	1.757	101	119944	5.524	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	63560	5.250	ug/L #	87
12) 1,1-Dichloroethene	2.124	96	64261	5.379	ug/L	89
13) Acetone	2.182	43	70429	55.579	ug/L	73
14) Carbon disulfide	2.297	76	190024	5.004	ug/L	99
15) Methyl Acetate	2.439	43	17265	4.764	ug/L	97
16) Methylene chloride	2.510	84	59398	5.018	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	130969	5.319	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	62380	5.314	ug/L	93
19) 1,1-Dichloroethane	3.191	63	114399	5.643	ug/L	98
21) 2-Butanone	3.976	43	120436	57.347	ug/L	90
22) cis-1,2-Dichloroethene	3.915	96	65816	5.562	ug/L	89
23) Bromochloromethane	4.252	128	25420	5.656	ug/L	87
25) Chloroform	4.378	83	115071	5.423	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	64782	5.569	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	103787	5.352	ug/L	97
30) Cyclohexane	4.680	56	105723	5.292	ug/L	97
31) Carbon tetrachloride	4.831	117	88066	5.362	ug/L	100
33) Benzene	5.101	78	261508	5.668	ug/L	100
34) Trichloroethene	5.915	95	67559	5.318	ug/L	89
35) Methylcyclohexane	6.133	83	108090	5.143	ug/L	98
37) 1,2-Dichloropropane	6.172	63	61600	5.509	ug/L #	96
38) Bromodichloromethane	6.509	83	79473	5.347	ug/L #	98
39) cis-1,3-Dichloropropene	7.027	75	89951	5.279	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	319061	55.290	ug/L	99
42) Toluene	7.387	91	284427	5.659	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	71415	5.074	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	40148	5.540	ug/L	96
47) Tetrachloroethene	7.976	164	44110	5.234	ug/L	90
48) 2-Hexanone	8.136	43	224759	56.899	ug/L	98
49) Dibromochloromethane	8.246	129	46463	5.310	ug/L	98
50) 1,2-Dibromoethane	8.352	107	36852	5.418	ug/L #	96
51) Chlorobenzene	8.879	112	172140	5.589	ug/L	93
52) Ethylbenzene	9.011	91	310311	5.549	ug/L	97
53) m,p-xylene	9.136	106	119506	5.642	ug/L	93
54) o-xylene	9.541	106	114355	5.599	ug/L	95
55) Styrene	9.558	104	188964	5.636	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	43296	5.899	ug/L	99
59) Bromoform	9.731	173	19987	5.186	ug/L	98
60) Isopropylbenzene	9.931	105	307918	5.629	ug/L	97
61) 1,2,3-Trichloropropane	10.271	75	32988	5.548	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	258171	5.511	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	258947	5.561	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	123948	5.566	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	124069	5.610	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	110435	5.587	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6352	5.500	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.644	180	83654	5.281	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	68921	5.388	ug/L	96
71) Naphthalene	13.499	128	128998	5.567	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59114	5.494	ug/L	98

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

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