

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024616.D
 Acq On : 11 Feb 2022 20:03
 Operator : SY/MD
 Sample : N1479-07MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW3MSD

Quant Time: Feb 12 03:47:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 03:41:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	124589	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66125	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44929	4.302	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.571	69	45170	5.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.114	63	105878	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.892	46	96034	55.393	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.780%
24) Chloroform-d	4.355	84	91656	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.037	65	42130	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.056	84	180592	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.072	67	53813	4.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.317	98	164320	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.625	79	20784	4.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.088	63	82767	52.188	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34633	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	53478	5.017	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	80478	4.916	ug/L	99
3) Chloromethane	1.243	50	79669	4.946	ug/L	97
5) Vinyl chloride	1.314	62	85273	4.915	ug/L	99
6) Bromomethane	1.526	94	54023	5.059	ug/L	100
8) Chloroethane	1.587	64	59875	5.635	ug/L	97
9) Trichlorofluoromethane	1.757	101	119738	5.107	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	64007	4.897	ug/L	# 87
12) 1,1-Dichloroethene	2.124	96	64603	5.008	ug/L	91
13) Acetone	2.182	43	69567	50.847	ug/L	73
14) Carbon disulfide	2.298	76	191636	4.674	ug/L	99
15) Methyl Acetate	2.439	43	15585	3.983	ug/L	97
16) Methylene chloride	2.510	84	59627	4.666	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	130811	4.921	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	62695	4.947	ug/L	93
19) 1,1-Dichloroethane	3.195	63	114135	5.215	ug/L	98
21) 2-Butanone	3.976	43	116270	51.277	ug/L	90
22) cis-1,2-Dichloroethene	3.918	96	65743	5.146	ug/L	90
23) Bromochloromethane	4.256	128	25342	5.223	ug/L	84
25) Chloroform	4.381	83	115971	5.062	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	65519	5.216	ug/L	96
29) 1,1,1-Trichloroethane	4.613	97	104660	5.051	ug/L	97
30) Cyclohexane	4.683	56	105262	4.931	ug/L	96
31) Carbon tetrachloride	4.834	117	88127	5.022	ug/L	99
33) Benzene	5.105	78	256454	5.202	ug/L	100
34) Trichloroethene	5.918	95	68602	5.054	ug/L	88
35) Methylcyclohexane	6.133	83	110514	4.921	ug/L	98
37) 1,2-Dichloropropane	6.175	63	62355	5.218	ug/L #	97
38) Bromodichloromethane	6.513	83	79381	4.998	ug/L #	97
39) cis-1,3-Dichloropropene	7.030	75	90691	4.981	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	311455	50.509	ug/L	99
42) Toluene	7.387	91	279261	5.200	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	73544	4.890	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	39208	5.063	ug/L	96
47) Tetrachloroethene	7.976	164	45131	5.011	ug/L	91
48) 2-Hexanone	8.140	43	220146	52.155	ug/L	98
49) Dibromochloromethane	8.246	129	46873	5.013	ug/L	99
50) 1,2-Dibromoethane	8.352	107	36902	5.078	ug/L #	95
51) Chlorobenzene	8.879	112	168862	5.131	ug/L	93
52) Ethylbenzene	9.011	91	310208	5.191	ug/L	97
53) m,p-xylene	9.140	106	118012	5.214	ug/L	98
54) o-xylene	9.542	106	113610	5.206	ug/L	94
55) Styrene	9.561	104	174839	4.880	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41160	5.248	ug/L	97
59) Bromoform	9.731	173	20368	4.821	ug/L #	97
60) Isopropylbenzene	9.931	105	306393	5.109	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	33302	5.109	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	259318	5.049	ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	259405	5.081	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	125171	5.127	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	122166	5.038	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	109749	5.064	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.426	75	6759	5.338	ug/L #	63
69) 1,3,5-Trichlorobenzene	12.644	180	86411	4.975	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	70580	5.032	ug/L	97
71) Naphthalene	13.500	128	128997	5.078	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	58600	4.968	ug/L	97

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

