

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025504.D
 Acq On : 13 Apr 2022 19:54
 Operator : SY/MD
 Sample : N2356-03MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS1MSD

Quant Time: Apr 14 03:13:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 03:09:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123314	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124624	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66841	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	51498	4.492	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.571	69	49235	4.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.114	63	117913	5.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	3.902	46	81295	58.295	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.580%
24) Chloroform-d	4.352	84	88683	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.037	65	38879	5.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.053	84	165877	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.069	67	48423	4.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.317	98	152998	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.625	79	13199	3.905	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.091	63	64745	54.578	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.160%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32759	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	51011	4.552	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	63790	5.726	ug/L	99
3) Chloromethane	1.243	50	83706	6.916	ug/L	100
5) Vinyl chloride	1.314	62	96078	7.024	ug/L	99
6) Bromomethane	1.526	94	47955	4.862	ug/L	98
8) Chloroethane	1.587	64	58065	5.500	ug/L	96
9) Trichlorofluoromethane	1.757	101	122104	6.356	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	60404	5.596	ug/L	98
12) 1,1-Dichloroethene	2.121	96	65955	6.166	ug/L	84
13) Acetone	2.191	43	55172	58.288	ug/L	100
14) Carbon disulfide	2.298	76	142332	5.559	ug/L	100
15) Methyl Acetate	2.449	43	8177	3.887	ug/L #	86
16) Methylene chloride	2.510	84	53037	5.115	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	96013	5.801	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	55574	6.201	ug/L	98
19) 1,1-Dichloroethane	3.195	63	95403	6.285	ug/L	99
21) 2-Butanone	3.986	43	87647	67.012	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	134418	14.246	ug/L	96
23) Bromochloromethane	4.252	128	23393	5.972	ug/L	96
25) Chloroform	4.378	83	101572	6.339	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	54154	6.406	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	88629	6.030	ug/L	99
30) Cyclohexane	4.680	56	72964	5.460	ug/L	99
31) Carbon tetrachloride	4.831	117	73552	5.917	ug/L	99
33) Benzene	5.101	78	216846	5.890	ug/L	100
34) Trichloroethene	5.915	95	76224	7.798	ug/L	98
35) Methylcyclohexane	6.133	83	75509	4.841	ug/L	96
37) 1,2-Dichloropropane	6.175	63	52074	6.114	ug/L	99
38) Bromodichloromethane	6.510	83	62561	5.917	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	52678	4.720	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	223772	65.621	ug/L	97
42) Toluene	7.387	91	237520	5.931	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	41703	4.809	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	34683	6.081	ug/L	99
47) Tetrachloroethene	7.976	164	42399	5.541	ug/L	96
48) 2-Hexanone	8.140	43	167257	70.381	ug/L	96
49) Dibromochloromethane	8.246	129	36835	5.883	ug/L	99
50) 1,2-Dibromoethane	8.352	107	31058	5.798	ug/L	97
51) Chlorobenzene	8.882	112	146619	5.734	ug/L	99
52) Ethylbenzene	9.011	91	240498	5.631	ug/L	99
53) m,p-Xylene	9.140	106	96106	5.918	ug/L	99
54) o-Xylene	9.545	106	91724	5.816	ug/L	96
55) Styrene	9.561	104	153583	5.988	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	36108	6.336	ug/L	96
59) Bromoform	9.731	173	15548	5.635	ug/L	98
60) Isopropylbenzene	9.931	105	239188	5.781	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	27047	6.144	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	100248	5.434	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	183587	5.523	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	108879	5.638	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	107903	5.504	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	98428	5.755	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	4961	6.518	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	73658	5.013	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	58645	5.177	ug/L	98
71) Naphthalene	13.500	128	92694	5.578	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	52181	5.563	ug/L	96

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

