

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043931.D
 Acq On : 25 May 2021 00:24
 Operator : SY/MD
 Sample : M2494-19MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB432MSD

Quant Time: May 25 04:15:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	186226	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	182880	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	96983	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	58674	5.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.20%
7) Chloroethane-d5	1.922	69	42820	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.575	65	26347	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.40%
20) 2-Butanone-d5	4.645	46	139400	42.41	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.82%
24) Chloroform-d	5.073	84	129827	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.713	65	65285	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.735	84	263656	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
36) 1,2-Dichloropropane-d6	6.700	67	82514	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.906	98	247045	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
43) trans-1,3-Dichloroprop...	8.185	79	31347	5.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.20%
46) 2-Hexanone-d5	8.645	63	152760	61.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.58%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	78879	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	96982	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.391	85	63072	4.93	ug/L	99
3) Chloromethane	1.523	50	74408	5.59	ug/L	99
5) Vinyl chloride	1.610	62	76506	6.14	ug/L	100
6) Bromomethane	1.864	94	46159	6.09	ug/L	99
8) Chloroethane	1.941	64	40199	5.90	ug/L	100
9) Trichlorofluoromethane	2.147	101	89362	5.34	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	62247	5.07	ug/L	100
12) 1,1-Dichloroethene	2.591	96	72482	6.02	ug/L	97
13) Acetone	2.655	43	78373	45.21	ug/L	71
14) Carbon disulfide	2.803	76	203404	5.61	ug/L	99
15) Methyl Acetate	2.964	43	24605	5.06	ug/L #	73
16) Methylene chloride	3.057	84	81004	5.26	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	156770	6.02	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	71170	5.78	ug/L	98
19) 1,1-Dichloroethane	3.880	63	130431	6.07	ug/L	97
21) 2-Butanone	4.726	43	145474	42.29	ug/L	95
22) cis-1,2-Dichloroethene	4.677	96	76014	5.68	ug/L	99
23) Bromochloromethane	4.986	128	40288	5.87	ug/L	97
25) Chloroform	5.099	83	135239	5.66	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043931.D
 Acq On : 25 May 2021 00:24
 Operator : SY/MD
 Sample : M2494-19MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB432MSD

Quant Time: May 25 04:15:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	82905	5.87	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	106092	5.60	ug/L	98
30) Cyclohexane	5.398	56	89287	5.15	ug/L	99
31) Carbon tetrachloride	5.536	117	87592	5.40	ug/L	100
33) Benzene	5.784	78	296863	6.01	ug/L	100
34) Trichloroethene	6.549	95	72087	5.60	ug/L	99
35) Methylcyclohexane	6.774	83	90633	4.83	ug/L	99
37) 1,2-Dichloropropane	6.800	63	77411	5.91	ug/L	98
38) Bromodichloromethane	7.115	83	94738	6.02	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	97514	5.73	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	483352	65.51	ug/L	99
42) Toluene	7.976	91	317660	6.09	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	89395	6.11	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	63408	6.33	ug/L	99
47) Tetrachloroethene	8.558	164	61063	5.51	ug/L	99
48) 2-Hexanone	8.697	43	371389	67.41	ug/L	98
49) Dibromochloromethane	8.816	129	70399	6.06	ug/L	100
50) 1,2-Dibromoethane	8.931	107	59236	6.37	ug/L	99
51) Chlorobenzene	9.452	112	195678	5.75	ug/L	100
52) Ethylbenzene	9.578	91	295047	5.70	ug/L	100
53) m,p-Xylene	9.700	106	117372	5.75	ug/L	97
54) o-Xylene	10.108	106	112869	5.83	ug/L	100
55) Styrene	10.121	104	198015	5.94	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	79396	6.35	ug/L	98
59) Bromoform	10.298	173	43016	6.17	ug/L	98
60) Isopropylbenzene	10.491	105	280147	5.82	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	56741	6.37	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	217460	5.70	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	226328	5.80	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	155802	5.82	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	155373	5.81	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	152619	5.92	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	11260	6.62	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	112423	5.33	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	90628	5.47	ug/L	100
71) Naphthalene	14.092	128	160462	6.05	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	93489	5.91	ug/L	99

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

