

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043930.D
 Acq On : 25 May 2021 00:00
 Operator : SY/MD
 Sample : M2494-18MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 GB432MS

Quant Time: May 25 04:15:08 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	6.257	114	181157	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	181623	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	97422	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	59269	5.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.60%
7) Chloroethane-d5	1.919	69	42398	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.60%
11) 1,1-Dichloroethene-d2	2.575	65	27671	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.80%
20) 2-Butanone-d5	4.649	46	140703	44.01	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.02%
24) Chloroform-d	5.073	84	130138	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.713	65	65386	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.736	84	266636	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.60%
36) 1,2-Dichloropropane-d6	6.700	67	80118	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.906	98	253770	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.60%
43) trans-1,3-Dichloroprop...	8.186	79	31632	5.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.80%
46) 2-Hexanone-d5	8.646	63	141581	57.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.34%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	77592	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	99842	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	67490	5.43	ug/L	100
3) Chloromethane	1.524	50	75880	5.86	ug/L	100
5) Vinyl chloride	1.610	62	81103	6.69	ug/L	100
6) Bromomethane	1.865	94	46036	6.24	ug/L	96
8) Chloroethane	1.942	64	42032	6.35	ug/L	100
9) Trichlorofluoromethane	2.147	101	95738	5.89	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	67986	5.69	ug/L	99
12) 1,1-Dichloroethene	2.588	96	77094	6.59	ug/L	96
13) Acetone	2.655	43	79515	47.16	ug/L	68
14) Carbon disulfide	2.803	76	214030	6.07	ug/L	98
15) Methyl Acetate	2.967	43	24179	5.11	ug/L #	75
16) Methylene chloride	3.054	84	79022	5.27	ug/L	99
17) Methyl tert-butyl Ether	3.376	73	151716	5.99	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	72439	6.05	ug/L	99
19) 1,1-Dichloroethane	3.880	63	130385	6.24	ug/L	98
21) 2-Butanone	4.726	43	153301	45.81	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	74803	5.75	ug/L	99
23) Bromochloromethane	4.987	128	40667	6.09	ug/L	98
25) Chloroform	5.099	83	133736	5.75	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	80396	5.85	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	110876	5.89	ug/L	99
30) Cyclohexane	5.398	56	96656	5.61	ug/L	98
31) Carbon tetrachloride	5.533	117	94084	5.85	ug/L	99
33) Benzene	5.784	78	302508	6.17	ug/L	100
34) Trichloroethene	6.549	95	73970	5.79	ug/L	97
35) Methylcyclohexane	6.771	83	98809	5.30	ug/L	99
37) 1,2-Dichloropropane	6.800	63	77641	5.97	ug/L	99
38) Bromodichloromethane	7.115	83	92422	5.91	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	97195	5.75	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	462556	63.13	ug/L	99
42) Toluene	7.977	91	331445	6.40	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	86960	5.99	ug/L	99
45) 1,1,2-Trichloroethane	8.408	97	62135	6.25	ug/L	98
47) Tetrachloroethene	8.559	164	66764	6.06	ug/L	99
48) 2-Hexanone	8.697	43	355808	65.03	ug/L	98
49) Dibromochloromethane	8.816	129	70508	6.12	ug/L	97
50) 1,2-Dibromoethane	8.932	107	57034	6.18	ug/L	97
51) Chlorobenzene	9.453	112	202502	5.99	ug/L	100
52) Ethylbenzene	9.578	91	310196	6.04	ug/L	100
53) m,p-Xylene	9.700	106	123672	6.10	ug/L	98
54) o-Xylene	10.109	106	119039	6.19	ug/L	98
55) Styrene	10.121	104	204913	6.19	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	76459	6.16	ug/L	98
59) Bromoform	10.298	173	42092	6.01	ug/L	98
60) Isopropylbenzene	10.491	105	305033	6.30	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	55594	6.21	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	233083	6.08	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	238890	6.09	ug/L	99
64) 1,3-Dichlorobenzene	11.752	146	163162	6.07	ug/L	99
65) 1,4-Dichlorobenzene	11.842	146	160681	5.98	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	158273	6.11	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	10709	6.27	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	118976	5.61	ug/L	99
70) 1,2,4-trichlorobenzene	13.845	180	90622	5.44	ug/L	99
71) Naphthalene	14.092	128	143841	5.40	ug/L	100
72) 1,2,3-Trichlorobenzene	14.337	180	92579	5.82	ug/L	100

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

