

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
 Data File : VU044305.D
 Acq On : 02 Jul 2021 15:53
 Operator : SY/MD
 Sample : M2914-06MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK45MS

Quant Time: Jul 03 05:00:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 03 04:56:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	165512	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	155336	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	85605	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	29106	3.248	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.919	69	35107	3.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.575	65	16159	3.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.642	46	155368	47.082	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.160%
24) Chloroform-d	5.073	84	88597	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.710	65	48583	4.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
32) Benzene-d6	5.735	84	164462	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.700	67	54349	4.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.906	98	156024	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.185	79	22866	3.943	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.642	63	132674	48.032	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.060%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	50862	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	65351	4.633	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	44813	4.598	ug/L	100
3) Chloromethane	1.523	50	51837	4.598	ug/L	99
5) Vinyl chloride	1.607	62	57255	4.895	ug/L #	70
6) Bromomethane	1.864	94	31227	4.163	ug/L	98
8) Chloroethane	1.938	64	44845	5.635	ug/L	89
9) Trichlorofluoromethane	2.144	101	94893	5.809	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	52837	5.389	ug/L	98
12) 1,1-Dichloroethene	2.587	96	46948	4.912	ug/L	91
13) Acetone	2.649	43	104746	70.991	ug/L	95
14) Carbon disulfide	2.800	76	116633	3.963	ug/L	99
15) Methyl Acetate	2.964	43	23470	5.662	ug/L	95
16) Methylene chloride	3.054	84	53769	4.174	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	148848	5.252	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	49944	4.910	ug/L	99
19) 1,1-Dichloroethane	3.880	63	101323	5.222	ug/L	98
21) 2-Butanone	4.719	43	182926	54.572	ug/L	98
22) cis-1,2-Dichloroethene	4.677	96	60017	5.392	ug/L	94
23) Bromochloromethane	4.983	128	27048	5.335	ug/L	95
25) Chloroform	5.099	83	105963	5.115	ug/L	100

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27) 1,2-Dichloroethane	5.803	62	70179	5.082	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	94520	5.401	ug/L	99
30) Cyclohexane	5.398	56	84659	4.690	ug/L	97
31) Carbon tetrachloride	5.533	117	83944	5.629	ug/L	98
33) Benzene	5.784	78	217972	5.349	ug/L	100
34) Trichloroethene	6.549	95	57698	5.228	ug/L	96
35) Methylcyclohexane	6.771	83	89517	4.913	ug/L	98
37) 1,2-Dichloropropane	6.800	63	59857	5.562	ug/L	100
38) Bromodichloromethane	7.111	83	79214	5.236	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	94138	5.327	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	461230	53.330	ug/L	99
42) Toluene	7.976	91	242143	5.396	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	82462	5.088	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	44952	5.549	ug/L	98
47) Tetrachloroethene	8.562	164	45358	5.559	ug/L	94
48) 2-Hexanone	8.693	43	333183	54.668	ug/L	99
49) Dibromochloromethane	8.816	129	57103	5.554	ug/L	97
50) 1,2-Dibromoethane	8.931	107	43388	5.545	ug/L	99
51) Chlorobenzene	9.452	112	161432	5.616	ug/L	97
52) Ethylbenzene	9.578	91	283452	5.472	ug/L	99
53) m,p-Xylene	9.700	106	108613	5.537	ug/L	99
54) o-Xylene	10.105	106	106395	5.580	ug/L	99
55) Styrene	10.121	104	181250	5.420	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	59253	5.513	ug/L	100
59) Bromoform	10.298	173	33087	5.460	ug/L	98
60) Isopropylbenzene	10.491	105	289251	5.557	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	42477	5.496	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	250121	5.515	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	256362	5.526	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	132054	5.620	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	131116	5.534	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	125670	5.687	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	10483	5.193	ug/L	95
69) 1,3,5-Trichlorobenzene	13.224	180	101551	5.671	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	86687	5.716	ug/L	99
71) Naphthalene	14.092	128	161750	5.891	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	76447	5.836	ug/L	99

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

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