

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047309.D
 Acq On : 03 Mar 2022 11:50
 Operator : SY/MD
 Sample : N1745-13MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB1MSD

Quant Time: Mar 04 01:54:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 01:50:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	144624	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	147163	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	47033	3.851	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.919	69	38367	3.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.571	65	20984	4.154	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.652	46	151196	51.789	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.580%
24) Chloroform-d	5.070	84	91864	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.706	65	48275	4.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.732	84	177748	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.694	67	56668	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.899	98	169291	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.179	79	24658	4.157	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.636	63	134084	42.935	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	56068	4.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	74816	4.448	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	60768	4.969	ug/L	99
3) Chloromethane	1.527	50	64265	4.845	ug/L	99
5) Vinyl chloride	1.607	62	64073	4.782	ug/L	100
6) Bromomethane	1.864	94	29709	3.772	ug/L	100
8) Chloroethane	1.941	64	39012	5.048	ug/L	99
9) Trichlorofluoromethane	2.144	101	88433	5.415	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	54361	5.518	ug/L	93
12) 1,1-Dichloroethene	2.584	96	50239	5.279	ug/L	81
13) Acetone	2.678	43	101723	69.599	ug/L	96
14) Carbon disulfide	2.800	76	144256	4.544	ug/L	99
15) Methyl Acetate	2.967	43	24420	5.398	ug/L	97
16) Methylene chloride	3.054	84	56537	5.333	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	138834	5.338	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	53917	5.242	ug/L	93
19) 1,1-Dichloroethane	3.877	63	94809	5.273	ug/L	99
21) 2-Butanone	4.732	43	172867	62.980	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	61569	5.500	ug/L	96
23) Bromochloromethane	4.980	128	29954	5.708	ug/L	# 85
25) Chloroform	5.092	83	101788	5.407	ug/L	95

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27) 1,2-Dichloroethane	5.796	62	66571	5.290	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	87749	5.506	ug/L	99
30) Cyclohexane	5.391	56	84298	4.847	ug/L	98
31) Carbon tetrachloride	5.530	117	76810	5.536	ug/L	99
33) Benzene	5.777	78	224081	5.359	ug/L	100
34) Trichloroethene	6.542	95	60135	5.392	ug/L	95
35) Methylcyclohexane	6.764	83	96120	5.107	ug/L	94
37) 1,2-Dichloropropane	6.793	63	57389	5.309	ug/L	99
38) Bromodichloromethane	7.108	83	75449	5.464	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	86416	5.141	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	405919	52.630	ug/L	97
42) Toluene	7.970	91	248477	5.338	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	78170	5.162	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	47915	5.709	ug/L	98
47) Tetrachloroethene	8.555	164	51661	5.708	ug/L	90
48) 2-Hexanone	8.687	43	300208	52.353	ug/L	98
49) Dibromochloromethane	8.812	129	57718	5.708	ug/L	99
50) 1,2-Dibromoethane	8.925	107	48984	5.786	ug/L #	96
51) Chlorobenzene	9.449	112	164503	5.475	ug/L	97
52) Ethylbenzene	9.571	91	270233	5.298	ug/L	98
53) m,p-Xylene	9.693	106	107116	5.349	ug/L	99
54) o-Xylene	10.102	106	104085	5.337	ug/L	99
55) Styrene	10.115	104	176439	5.408	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	64682	5.823	ug/L	97
59) Bromoform	10.291	173	36222	5.305	ug/L #	96
60) Isopropylbenzene	10.484	105	274856	4.997	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	45957	5.133	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	181187	4.933	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	239883	5.073	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	144128	5.433	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	144821	5.395	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	139894	5.536	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	10302	4.982	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.221	180	123982	5.656	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	110616	5.421	ug/L	97
71) Naphthalene	14.086	128	209675	4.979	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	103840	5.411	ug/L	96

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

