

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U042722\
 Data File : U048325.D
 Acq On : 27 Apr 2022 19:21
 Operator : SY/MD
 Sample : N2587-04MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET1MS

Quant Time: Apr 28 04:41:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 28 04:33:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	417595	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	440599	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	269205	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	166511	43.361	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.720%
7) Chloroethane-d5	1.887	69	129383	48.000	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.562	63	275079	44.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.420%
21) 2-Butanone-d5	4.620	46	332807	101.613	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.610%
24) Chloroform-d	5.063	84	319744	45.905	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.820%
26) 1,2-Dichloroethane-d4	5.700	65	194468	47.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
32) Benzene-d6	5.729	84	668093	48.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
36) 1,2-Dichloropropane-d6	6.690	67	213625	46.501	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.000%
41) Toluene-d8	7.899	98	638192	50.667	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.340%
43) trans-1,3-Dichloroprop...	8.179	79	104491	51.546	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.100%
47) 2-Hexanone-d5	8.636	63	315618	127.338	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	394754	48.995	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.980%
66) 1,2-Dichlorobenzene-d4	12.195	152	297141	49.067	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	124088	39.325	ug/L	98
3) Chloromethane	1.520	50	134189	37.154	ug/L	100
5) Vinyl chloride	1.604	62	206404	56.712	ug/L #	48
6) Bromomethane	1.829	94	35253	21.076	ug/L	98
8) Chloroethane	1.912	64	100860	49.011	ug/L	94
9) Trichlorofluoromethane	2.128	101	213261	44.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	137363	43.666	ug/L	99
12) 1,1-Dichloroethene	2.575	96	125190	45.591	ug/L	96
13) Acetone	2.626	43	217445	103.415	ug/L	99
14) Carbon disulfide	2.790	76	326544	48.793	ug/L	100
15) Methyl Acetate	2.944	43	195467	46.831	ug/L	98
16) Methylene chloride	3.044	84	163233	46.109	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	135231	47.406	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	489494	52.008	ug/L	99
19) 1,1-Dichloroethane	3.867	63	284400	47.677	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	175823	51.133	ug/L	94
22) 2-Butanone	4.700	43	363184	116.808	ug/L	97
23) Bromochloromethane	4.973	128	92200	48.028	ug/L	97
25) Chloroform	5.089	83	296941	48.748	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	348901	78.527	ug/L #	93
29) Cyclohexane	5.388	56	212941	51.152	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	238814	47.931	ug/L	100
31) Carbon tetrachloride	5.523	117	200901	47.308	ug/L	100
33) Benzene	5.774	78	15313947	1173.935	ug/L	100
34) Trichloroethene	6.542	95	170757	53.404	ug/L	100
35) Methylcyclohexane	6.761	83	242102	53.931	ug/L	96
37) 1,2-Dichloropropane	6.790	63	175991	47.418	ug/L	99
38) Bromodichloromethane	7.105	83	225462	48.102	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	264540	50.688	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	687102	122.742	ug/L	98
42) Toluene	7.970	91	2793187	203.944	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	258963	50.792	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	187805	48.229	ug/L	98
46) Tetrachloroethene	8.552	164	128784	46.930	ug/L	99
48) 2-Hexanone	8.687	43	550609	117.787	ug/L	97
49) Dibromochloromethane	8.812	129	211117	49.338	ug/L	99
50) 1,2-Dibromoethane	8.925	107	196241	49.695	ug/L	95
51) Chlorobenzene	9.449	112	14273892	1445.888	ug/L	93
52) Ethylbenzene	9.571	91	859291	60.582	ug/L	100
53) m,p-Xylene	9.693	106	373116	66.661	ug/L	100
54) o-Xylene	10.102	106	361627	64.133	ug/L	100
55) Styrene	10.115	104	541736	56.396	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	390146	50.765	ug/L	99
59) Bromoform	10.291	173	190173	48.676	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	301677	48.036	ug/L	99
61) Isopropylbenzene	10.484	105	811165	53.891	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	468587	59.065	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	744244	61.018	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	425519	50.424	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	438842	50.939	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	480275	54.026	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	104077	62.079	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	324414	51.735	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	289169	58.372	ug/L	99
71) Naphthalene	14.086	128	1016981	71.734	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	286148	56.362	ug/L	98

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

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