

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U042722\
 Data File : U048326.D
 Acq On : 27 Apr 2022 19:44
 Operator : SY/MD
 Sample : N2587-05MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET1MSD

Quant Time: Apr 28 04:41:56 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	411922	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	440542	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	266835	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	165127	43.593	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.180%
7) Chloroethane-d5	1.887	69	128169	48.204	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.562	63	275669	45.420	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.840%
21) 2-Butanone-d5	4.620	46	332387	102.883	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.880%
24) Chloroform-d	5.063	84	317253	46.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	5.703	65	192756	47.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
32) Benzene-d6	5.729	84	660555	47.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	6.690	67	212855	46.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.680%
41) Toluene-d8	7.899	98	631834	50.169	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.340%
43) trans-1,3-Dichloroprop...	8.179	79	106222	52.407	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.820%
47) 2-Hexanone-d5	8.635	63	311633	125.747	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.750%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	393867	48.891	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.780%
66) 1,2-Dichlorobenzene-d4	12.195	152	297927	49.633	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	127866	41.080	ug/L	100
3) Chloromethane	1.523	50	134836	37.848	ug/L	99
5) Vinyl chloride	1.607	62	207294	57.741	ug/L #	44
6) Bromomethane	1.829	94	33504	20.306	ug/L	100
8) Chloroethane	1.909	64	96637	47.605	ug/L	92
9) Trichlorofluoromethane	2.124	101	218212	46.640	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	137874	44.432	ug/L	98
12) 1,1-Dichloroethene	2.575	96	127761	47.168	ug/L	96
13) Acetone	2.626	43	219420	105.792	ug/L	98
14) Carbon disulfide	2.790	76	331554	50.224	ug/L	99
15) Methyl Acetate	2.944	43	195098	47.386	ug/L	97
16) Methylene chloride	3.044	84	167850	48.066	ug/L	96
17) trans-1,2-Dichloroethene	3.349	96	139999	49.754	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	498413	53.684	ug/L	100
19) 1,1-Dichloroethane	3.867	63	287580	48.874	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	179376	52.885	ug/L	98
22) 2-Butanone	4.700	43	366273	119.424	ug/L	97
23) Bromochloromethane	4.973	128	93260	49.249	ug/L	96
25) Chloroform	5.086	83	303565	50.522	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	345534	78.840	ug/L	# 93
29) Cyclohexane	5.388	56	218180	52.417	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	241679	48.512	ug/L	100
31) Carbon tetrachloride	5.523	117	204542	48.172	ug/L	100
33) Benzene	5.774	78	15311887	1173.929	ug/L	100
34) Trichloroethene	6.542	95	175476	54.887	ug/L	99
35) Methylcyclohexane	6.761	83	249143	55.507	ug/L	97
37) 1,2-Dichloropropane	6.790	63	178390	48.070	ug/L	99
38) Bromodichloromethane	7.105	83	226736	48.380	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	270398	51.817	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	697624	124.638	ug/L	98
42) Toluene	7.970	91	2803195	204.701	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	262287	51.450	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	192907	49.546	ug/L	99
46) Tetrachloroethene	8.552	164	130363	47.511	ug/L	98
48) 2-Hexanone	8.687	43	554427	118.619	ug/L	95
49) Dibromochloromethane	8.812	129	215397	50.345	ug/L	98
50) 1,2-Dibromoethane	8.925	107	199666	50.569	ug/L	95
51) Chlorobenzene	9.449	112	14397354	1458.583	ug/L	93
52) Ethylbenzene	9.571	91	873784	61.612	ug/L	100
53) m,p-Xylene	9.693	106	375941	67.174	ug/L	99
54) o-Xylene	10.102	106	372852	66.132	ug/L	100
55) Styrene	10.115	104	552837	57.559	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	395785	51.505	ug/L	100
59) Bromoform	10.291	173	192817	49.791	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	305724	49.113	ug/L	99
61) Isopropylbenzene	10.484	105	837549	56.138	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	485044	61.682	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	764993	63.276	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	439191	52.507	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	450715	52.781	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	489809	55.588	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	105037	63.208	ug/L	94
69) 1,3,5-Trichlorobenzene	13.220	180	334362	53.796	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	303067	61.721	ug/L	99
71) Naphthalene	14.085	128	1093533	77.818	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	303731	60.357	ug/L	100

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

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