

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048290.D
 Acq On : 26 Apr 2022 00:02
 Operator : SY/MD
 Sample : N2518-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXES2MSD

Quant Time: Apr 26 02:49:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	378536	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	389482	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	219573	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	142925	41.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.120%
7) Chloroethane-d5	1.890	69	115854	47.415	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.840%
11) 1,1-Dichloroethene-d2	2.562	63	245822	44.075	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.140%
21) 2-Butanone-d5	4.620	46	293639	98.905	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.910%
24) Chloroform-d	5.063	84	289547	45.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.720%
26) 1,2-Dichloroethane-d4	5.703	65	181251	48.383	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.760%
32) Benzene-d6	5.726	84	598022	48.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	6.690	67	195452	48.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.260%
41) Toluene-d8	7.899	98	545947	49.032	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.060%
43) trans-1,3-Dichloroprop...	8.179	79	85841	47.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.800%
47) 2-Hexanone-d5	8.636	63	233622	106.627	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.630%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	352126	49.440	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.880%
66) 1,2-Dichlorobenzene-d4	12.195	152	234272	47.430	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	129201	45.170	ug/L	100
3) Chloromethane	1.520	50	153186	46.791	ug/L	97
5) Vinyl chloride	1.604	62	151229	45.839	ug/L	98
6) Bromomethane	1.829	94	63655	41.983	ug/L	100
8) Chloroethane	1.912	64	91597	49.102	ug/L	99
9) Trichlorofluoromethane	2.128	101	204323	47.523	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	129282	45.337	ug/L	99
12) 1,1-Dichloroethene	2.575	96	116938	46.980	ug/L	96
13) Acetone	2.626	43	160424	84.169	ug/L	100
14) Carbon disulfide	2.790	76	279012	45.993	ug/L	100
15) Methyl Acetate	2.944	43	171385	45.298	ug/L	98
16) Methylene chloride	3.044	84	151207	47.119	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	121120	46.841	ug/L	100
18) Methyl tert-butyl Ether	3.362	73	422614	49.535	ug/L	100
19) 1,1-Dichloroethane	3.867	63	253740	46.926	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	151761	48.690	ug/L	98
22) 2-Butanone	4.700	43	268326	95.204	ug/L	99
23) Bromochloromethane	4.973	128	84035	48.291	ug/L	96
25) Chloroform	5.089	83	264870	47.970	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	215499	53.507	ug/L	99
29) Cyclohexane	5.388	56	185279	50.348	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	213858	48.555	ug/L	100
31) Carbon tetrachloride	5.523	117	178159	47.459	ug/L	100
33) Benzene	5.774	78	591075	51.257	ug/L	100
34) Trichloroethene	6.542	95	138185	48.889	ug/L	99
35) Methylcyclohexane	6.764	83	192501	48.510	ug/L	100
37) 1,2-Dichloropropane	6.790	63	165130	50.331	ug/L	100
38) Bromodichloromethane	7.105	83	201964	48.744	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	226048	48.997	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	526091	106.314	ug/L	100
42) Toluene	7.970	91	630543	52.081	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	223016	49.482	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	174756	50.768	ug/L	98
46) Tetrachloroethene	8.552	164	117865	48.588	ug/L	99
48) 2-Hexanone	8.687	43	447557	108.307	ug/L	100
49) Dibromochloromethane	8.812	129	187065	49.455	ug/L	100
50) 1,2-Dibromoethane	8.925	107	178358	51.095	ug/L	98
51) Chlorobenzene	9.446	112	423484	48.527	ug/L	99
52) Ethylbenzene	9.571	91	655125	52.250	ug/L	100
53) m,p-Xylene	9.693	106	258157	52.175	ug/L	99
54) o-Xylene	10.102	106	268435	53.854	ug/L	99
55) Styrene	10.115	104	463428	54.576	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	336204	49.488	ug/L	100
59) Bromoform	10.291	173	155618	48.835	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	258307	50.428	ug/L	99
61) Isopropylbenzene	10.484	105	658845	53.665	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	348892	53.918	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	559143	56.204	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	349205	50.735	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	340896	48.514	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	357252	49.271	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	69661	50.943	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	247038	48.301	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	200130	49.530	ug/L	100
71) Naphthalene	14.086	128	680285	58.831	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	216019	52.167	ug/L	99

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

