

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047712.D
 Acq On : 26 Mar 2022 16:27
 Operator : SY/MD
 Sample : N2081-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X6MS

Quant Time: Mar 28 05:09:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	468564	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	470515	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	269441	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	99215	29.199	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.400%#
7) Chloroethane-d5	1.916	69	116653	43.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.080%
11) 1,1-Dichloroethene-d2	2.572	63	167912	27.010	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.020%#
21) 2-Butanone-d5	4.629	46	346868	118.935	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.930%
24) Chloroform-d	5.067	84	256255	41.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.440%
26) 1,2-Dichloroethane-d4	5.703	65	173653	45.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.080%
32) Benzene-d6	5.729	84	448168	37.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.700%
36) 1,2-Dichloropropane-d6	6.694	67	160366	44.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.200%
41) Toluene-d8	7.899	98	380464	32.983	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	65.960%#
43) trans-1,3-Dichloroprop...	8.179	79	74557	40.474	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.940%
47) 2-Hexanone-d5	8.636	63	265816	124.883	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	309022	49.523	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.040%
66) 1,2-Dichlorobenzene-d4	12.192	152	179779	37.504	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	67616	15.565	ug/L	100
3) Chloromethane	1.523	50	129153	31.088	ug/L	99
5) Vinyl chloride	1.607	62	102162	24.112	ug/L	98
6) Bromomethane	1.861	94	80522	35.309	ug/L	98
8) Chloroethane	1.935	64	90507	34.028	ug/L	98
9) Trichlorofluoromethane	2.141	101	102254	17.114	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	53806	15.580	ug/L	99
12) 1,1-Dichloroethene	2.584	96	74777	23.265	ug/L	92
13) Acetone	2.639	43	188800	69.564	ug/L	99
14) Carbon disulfide	2.797	76	205817	20.258	ug/L	100
15) Methyl Acetate	2.954	43	100337	23.184	ug/L	98
16) Methylene chloride	3.051	84	123729	33.546	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	87376	25.204	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	392115	40.091	ug/L	99
19) 1,1-Dichloroethane	3.874	63	268526	44.912	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	151259	39.798	ug/L	95
22) 2-Butanone	4.710	43	286550	81.962	ug/L	97
23) Bromochloromethane	4.977	128	72171	34.586	ug/L	99
25) Chloroform	5.092	83	205766	31.966	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	173586	34.904	ug/L	99
29) Cyclohexane	5.391	56	75992	15.916	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	338899	63.522	ug/L	99
31) Carbon tetrachloride	5.526	117	97438	20.225	ug/L	100
33) Benzene	5.777	78	392763	28.839	ug/L	100
34) Trichloroethene	6.542	95	88797	24.869	ug/L	98
35) Methylcyclohexane	6.764	83	79459	14.628	ug/L	99
37) 1,2-Dichloropropane	6.790	63	115447	33.345	ug/L	100
38) Bromodichloromethane	7.108	83	158088	33.251	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	150894	28.089	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	492000	89.913	ug/L	99
42) Toluene	7.970	91	369460	24.724	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	158528	29.555	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	129192	35.184	ug/L	99
46) Tetrachloroethene	8.552	164	69290	21.595	ug/L	98
48) 2-Hexanone	8.687	43	428227	90.978	ug/L	99
49) Dibromochloromethane	8.809	129	142074	33.406	ug/L	98
50) 1,2-Dibromoethane	8.925	107	144195	35.029	ug/L	99
51) Chlorobenzene	9.446	112	245955	24.240	ug/L	98
52) Ethylbenzene	9.571	91	328135	20.884	ug/L	99
53) m,p-Xylene	9.693	106	128911	20.909	ug/L	96
54) o-Xylene	10.102	106	138891	22.953	ug/L	99
55) Styrene	10.115	104	252709	24.461	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	251768	36.574	ug/L	98
59) Bromoform	10.291	173	122668	35.603	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	200578	39.488	ug/L	99
61) Isopropylbenzene	10.484	105	291076	19.989	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	161261	20.410	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	266971	22.245	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	184723	22.823	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	189247	22.574	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	207568	25.630	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	65370	40.177	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	131319	19.977	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	127957	22.224	ug/L	99
71) Naphthalene	14.086	128	543602	31.668	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	141049	24.437	ug/L	99

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

