

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048127.D
 Acq On : 18 Apr 2022 17:34
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050087

Quant Time: Apr 19 03:41:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 19 03:36:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	352992	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	365118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	213678	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	125053	48.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.700%
7) Chloroethane-d5	1.916	69	102452	50.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.520%
11) 1,1-Dichloroethene-d2	2.572	63	217938	46.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.060%
21) 2-Butanone-d5	4.623	46	194084	88.336	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.340%
24) Chloroform-d	5.067	84	232882	49.722	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.440%
26) 1,2-Dichloroethane-d4	5.703	65	136363	47.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
32) Benzene-d6	5.729	84	458990	49.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.920%
36) 1,2-Dichloropropane-d6	6.690	67	146005	51.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.500%
41) Toluene-d8	7.899	98	379055	42.347	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.700%
43) trans-1,3-Dichloroprop...	8.179	79	58756	41.104	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.200%
47) 2-Hexanone-d5	8.632	63	136015	82.347	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.350%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	230432	47.588	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.180%
66) 1,2-Dichlorobenzene-d4	12.192	152	178553	46.969	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	143865	43.961	ug/L	99
3) Chloromethane	1.523	50	143631	45.893	ug/L	100
5) Vinyl chloride	1.607	62	157919	49.475	ug/L	86
6) Bromomethane	1.858	94	50905	29.630	ug/L	98
8) Chloroethane	1.935	64	100067	49.940	ug/L	98
9) Trichlorofluoromethane	2.141	101	209182	46.474	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	133533	51.324	ug/L	99
12) 1,1-Dichloroethene	2.584	96	122207	50.470	ug/L	82
13) Acetone	2.629	43	147056	71.924	ug/L	99
14) Carbon disulfide	2.797	76	303900	39.706	ug/L	100
15) Methyl Acetate	2.948	43	167829	51.476	ug/L	98
16) Methylene chloride	3.051	84	151186	54.411	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	130299	49.891	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	401678	54.515	ug/L	98
19) 1,1-Dichloroethane	3.874	63	251038	55.733	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	152431	53.238	ug/L	98
22) 2-Butanone	4.703	43	239528	90.943	ug/L	97
23) Bromochloromethane	4.977	128	85927	54.660	ug/L	99
25) Chloroform	5.092	83	267049	55.068	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	197698	52.767	ug/L	97
29) Cyclohexane	5.391	56	180288	48.662	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	218281	52.724	ug/L	100
31) Carbon tetrachloride	5.526	117	187573	50.174	ug/L	100
33) Benzene	5.777	78	575091	54.416	ug/L	100
34) Trichloroethene	6.542	95	144398	52.115	ug/L	99
35) Methylcyclohexane	6.764	83	197930	46.957	ug/L	97
37) 1,2-Dichloropropane	6.793	63	157470	58.612	ug/L	99
38) Bromodichloromethane	7.105	83	200017	54.214	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	219078	52.553	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	383672	90.356	ug/L	98
42) Toluene	7.970	91	556604	47.999	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	197052	47.343	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	144219	50.614	ug/L	99
46) Tetrachloroethene	8.555	164	114978	46.178	ug/L	99
48) 2-Hexanone	8.684	43	344667	94.364	ug/L	99
49) Dibromochloromethane	8.809	129	171193	51.873	ug/L	100
50) 1,2-Dibromoethane	8.925	107	163978	51.333	ug/L	98
51) Chlorobenzene	9.446	112	415048	52.714	ug/L	97
52) Ethylbenzene	9.571	91	631610	51.801	ug/L	99
53) m,p-Xylene	9.693	106	256389	53.590	ug/L	99
54) o-Xylene	10.102	106	247235	52.653	ug/L	100
55) Styrene	10.115	104	430289	53.673	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	286115	53.561	ug/L	98
59) Bromoform	10.291	173	142303	52.081	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	216585	53.767	ug/L	99
61) Isopropylbenzene	10.484	105	625029	54.123	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	323702	51.662	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	506042	53.169	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	338927	52.803	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	341559	51.374	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	338563	52.715	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	60808	47.126	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	257493	49.395	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	229924	50.355	ug/L	99
71) Naphthalene	14.086	128	689885	50.678	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	246379	53.826	ug/L	98

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

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