

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061822\
 Data File : VU049293.D
 Acq On : 18 Jun 2022 19:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050151

Quant Time: Jun 20 00:48:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 20 00:11:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	279392	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	264461	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	135709	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	91896	53.391	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 106.780%	
7) Chloroethane-d5	1.903	69	68554	54.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 108.500%	
11) 1,1-Dichloroethene-d2	2.565	63	168413	51.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.700%	
21) 2-Butanone-d5	4.620	46	198259	105.061	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 105.060%	
24) Chloroform-d	5.064	84	181700	49.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.980%	
26) 1,2-Dichloroethane-d4	5.700	65	112988	47.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 95.000%	
32) Benzene-d6	5.726	84	340641	51.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.880%	
36) 1,2-Dichloropropane-d6	6.691	67	121198	54.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 109.960%	
41) Toluene-d8	7.896	98	309898	53.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.160%	
43) trans-1,3-Dichloroprop...	8.179	79	53047	51.148	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.300%	
47) 2-Hexanone-d5	8.629	63	130249	112.887	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 112.890%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	183257	49.770	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 99.540%	
66) 1,2-Dichlorobenzene-d4	12.192	152	125375	53.097	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	136646	55.422	ug/L	99
3) Chloromethane	1.520	50	124378	47.859	ug/L	100
5) Vinyl chloride	1.601	62	129075	52.392	ug/L	96
6) Bromomethane	1.842	94	67132	49.262	ug/L	99
8) Chloroethane	1.925	64	72754	52.873	ug/L	94
9) Trichlorofluoromethane	2.134	101	158961	45.845	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	89365	45.403	ug/L	94
12) 1,1-Dichloroethene	2.578	96	82187	47.702	ug/L	96
13) Acetone	2.623	43	123873	83.420	ug/L	99
14) Carbon disulfide	2.790	76	245605	56.057	ug/L	99
15) Methyl Acetate	2.945	43	144099	48.926	ug/L	95
16) Methylene chloride	3.041	84	101530	45.252	ug/L	90
17) trans-1,2-Dichloroethene	3.350	96	88286	46.604	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	313079	44.177	ug/L	97
19) 1,1-Dichloroethane	3.868	63	187176	45.864	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	104483	45.334	ug/L	94
22) 2-Butanone	4.697	43	212736	93.225	ug/L	97
23) Bromochloromethane	4.974	128	51980	42.971	ug/L #	84
25) Chloroform	5.086	83	188164	44.240	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	146614	42.345	ug/L	99
29) Cyclohexane	5.388	56	180683	61.049	ug/L	93
30) 1,1,1-Trichloroethane	5.314	97	160324	43.470	ug/L	98
31) Carbon tetrachloride	5.523	117	134584	41.724	ug/L	99
33) Benzene	5.774	78	414834	48.417	ug/L	100
34) Trichloroethene	6.539	95	101696	47.088	ug/L	95
35) Methylcyclohexane	6.761	83	165522	54.907	ug/L	94
37) 1,2-Dichloropropane	6.790	63	115383	47.756	ug/L	98
38) Bromodichloromethane	7.105	83	141094	43.985	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	163976	46.124	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	400501	98.391	ug/L	97
42) Toluene	7.967	91	423994	47.878	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	153294	43.546	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	101025	43.151	ug/L	94
46) Tetrachloroethene	8.552	164	71421	42.656	ug/L	99
48) 2-Hexanone	8.684	43	321346	97.108	ug/L	97
49) Dibromochloromethane	8.809	129	107975	41.422	ug/L	98
50) 1,2-Dibromoethane	8.922	107	113548	46.102	ug/L	97
51) Chlorobenzene	9.446	112	261132	43.621	ug/L	96
52) Ethylbenzene	9.568	91	460080	47.783	ug/L	98
53) m,p-Xylene	9.694	106	169433	44.810	ug/L	89
54) o-Xylene	10.099	106	169615	44.523	ug/L	91
55) Styrene	10.112	104	287274	45.156	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	193841	44.429	ug/L	99
59) Bromoform	10.292	173	77909	38.901	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	153565	44.611	ug/L	97
61) Isopropylbenzene	10.485	105	442498	48.003	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	318162	40.427	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	387065	61.775	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	198201	43.831	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	197809	43.206	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	204865	43.656	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	50951	44.846	ug/L	96
69) 1,3,5-Trichlorobenzene	13.218	180	148669	46.022	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	130819	47.890	ug/L	97
71) Naphthalene	14.086	128	442325	45.769	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	134316	46.485	ug/L	98

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

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