

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047988.D
 Acq On : 13 Apr 2022 03:52
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050196

Quant Time: Apr 13 04:54:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	374428	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	383592	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	228995	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	134704	49.611	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.220%
7) Chloroethane-d5	1.916	69	111824	52.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.460%
11) 1,1-Dichloroethene-d2	2.572	63	228300	45.957	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.920%
21) 2-Butanone-d5	4.620	46	207689	89.117	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.120%
24) Chloroform-d	5.067	84	242631	48.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
26) 1,2-Dichloroethane-d4	5.703	65	147889	48.535	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.080%
32) Benzene-d6	5.729	84	481781	49.914	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.820%
36) 1,2-Dichloropropane-d6	6.694	67	152584	51.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.940%
41) Toluene-d8	7.899	98	459529	48.865	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.720%
43) trans-1,3-Dichloroprop...	8.179	79	67577	44.998	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.000%
47) 2-Hexanone-d5	8.632	63	161399	93.009	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.010%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	244000	47.963	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.920%
66) 1,2-Dichlorobenzene-d4	12.195	152	192884	47.345	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	156210	45.000	ug/L	98
3) Chloromethane	1.527	50	164107	49.434	ug/L	100
5) Vinyl chloride	1.607	62	168851	49.871	ug/L	98
6) Bromomethane	1.858	94	93799	51.472	ug/L	98
8) Chloroethane	1.935	64	102968	48.446	ug/L	97
9) Trichlorofluoromethane	2.141	101	216945	45.439	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	128119	46.424	ug/L	97
12) 1,1-Dichloroethene	2.584	96	122870	47.839	ug/L	85
13) Acetone	2.623	43	141987	65.469	ug/L	97
14) Carbon disulfide	2.797	76	336491	41.447	ug/L	100
15) Methyl Acetate	2.948	43	164072	47.443	ug/L	97
16) Methylene chloride	3.047	84	148701	50.453	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	132602	47.866	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	415157	53.119	ug/L	99
19) 1,1-Dichloroethane	3.870	63	249843	52.293	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	153270	50.466	ug/L	97
22) 2-Butanone	4.700	43	232153	83.097	ug/L	95
23) Bromochloromethane	4.977	128	85894	51.511	ug/L	97
25) Chloroform	5.089	83	263675	51.260	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	198734	50.007	ug/L	98
29) Cyclohexane	5.391	56	194145	49.878	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	219591	50.486	ug/L	100
31) Carbon tetrachloride	5.526	117	187208	47.664	ug/L	100
33) Benzene	5.777	78	602037	54.222	ug/L	100
34) Trichloroethene	6.542	95	145615	50.024	ug/L	99
35) Methylcyclohexane	6.764	83	209903	47.399	ug/L	99
37) 1,2-Dichloropropane	6.793	63	152918	54.176	ug/L	100
38) Bromodichloromethane	7.105	83	199739	51.532	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	218331	49.852	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	437518	98.074	ug/L	98
42) Toluene	7.970	91	631899	51.868	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	212727	48.647	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	155962	52.099	ug/L	98
46) Tetrachloroethene	8.555	164	124399	47.556	ug/L	99
48) 2-Hexanone	8.684	43	353088	92.013	ug/L	98
49) Dibromochloromethane	8.812	129	170944	49.303	ug/L	98
50) 1,2-Dibromoethane	8.925	107	169802	50.596	ug/L	99
51) Chlorobenzene	9.446	112	472162	57.079	ug/L	99
52) Ethylbenzene	9.571	91	653167	50.990	ug/L	100
53) m,p-Xylene	9.693	106	259008	51.530	ug/L	99
54) o-Xylene	10.102	106	254776	51.646	ug/L	98
55) Styrene	10.115	104	436687	51.848	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	276921	49.344	ug/L	99
59) Bromoform	10.291	173	138570	47.322	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	216234	50.090	ug/L	99
61) Isopropylbenzene	10.484	105	644240	52.055	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	342055	50.940	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	528319	51.797	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	342286	49.759	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	369751	51.894	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	356133	51.741	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	78572	56.820	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	261704	46.845	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	245210	50.111	ug/L	99
71) Naphthalene	14.086	128	738946	50.651	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	247999	50.556	ug/L	99

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

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