

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U042622\
 Data File : U048301.D
 Acq On : 26 Apr 2022 15:29
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050102

Quant Time: Apr 27 03:54:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 27 03:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	378432	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	386507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	221346	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	172161	49.472	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.940%
7) Chloroethane-d5	1.899	69	124278	50.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.760%
11) 1,1-Dichloroethene-d2	2.568	63	271981	48.778	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.560%
21) 2-Butanone-d5	4.620	46	247605	83.423	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.420%
24) Chloroform-d	5.063	84	308366	48.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
26) 1,2-Dichloroethane-d4	5.703	65	185183	49.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.900%
32) Benzene-d6	5.729	84	629917	51.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.360%
36) 1,2-Dichloropropane-d6	6.693	67	196966	48.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.740%
41) Toluene-d8	7.899	98	605919	54.837	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.680%
43) trans-1,3-Dichloroprop...	8.179	79	91860	51.657	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.320%
47) 2-Hexanone-d5	8.636	63	186765	85.897	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	329205	46.577	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.160%
66) 1,2-Dichlorobenzene-d4	12.195	152	249264	50.061	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	139002	48.610	ug/L	100
3) Chloromethane	1.523	50	144849	44.256	ug/L	99
5) Vinyl chloride	1.607	62	162400	49.239	ug/L	98
6) Bromomethane	1.835	94	100650	66.400	ug/L	99
8) Chloroethane	1.922	64	104162	55.853	ug/L	97
9) Trichlorofluoromethane	2.134	101	225539	52.472	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	143443	50.317	ug/L	100
12) 1,1-Dichloroethene	2.578	96	122607	49.271	ug/L	89
13) Acetone	2.623	43	159520	83.718	ug/L	100
14) Carbon disulfide	2.793	76	284614	46.929	ug/L	100
15) Methyl Acetate	2.944	43	174420	46.113	ug/L	98
16) Methylene chloride	3.047	84	161108	50.218	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	132646	51.312	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	450728	52.845	ug/L	99
19) 1,1-Dichloroethane	3.870	63	269358	49.828	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	163054	52.327	ug/L	95
22) 2-Butanone	4.700	43	255217	90.578	ug/L	98
23) Bromochloromethane	4.976	128	91474	52.581	ug/L	96
25) Chloroform	5.089	83	288894	52.335	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	214647	53.310	ug/L	98
29) Cyclohexane	5.391	56	189870	51.993	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	236495	54.108	ug/L	99
31) Carbon tetrachloride	5.526	117	201171	54.002	ug/L	100
33) Benzene	5.774	78	619317	54.120	ug/L	100
34) Trichloroethene	6.542	95	150155	53.533	ug/L	99
35) Methylcyclohexane	6.764	83	213776	54.286	ug/L	99
37) 1,2-Dichloropropane	6.793	63	171694	52.734	ug/L	99
38) Bromodichloromethane	7.108	83	218896	53.237	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	244100	53.317	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	485961	98.960	ug/L	99
42) Toluene	7.970	91	670688	55.824	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	238186	53.254	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	176344	51.624	ug/L	99
46) Tetrachloroethene	8.555	164	130629	54.264	ug/L	99
48) 2-Hexanone	8.687	43	408320	99.572	ug/L	99
49) Dibromochloromethane	8.812	129	192043	51.162	ug/L	100
50) 1,2-Dibromoethane	8.925	107	182089	52.565	ug/L	99
51) Chlorobenzene	9.449	112	450945	52.072	ug/L	99
52) Ethylbenzene	9.571	91	689204	55.391	ug/L	100
53) m,p-Xylene	9.697	106	274538	55.913	ug/L	100
54) o-Xylene	10.102	106	282619	57.136	ug/L	100
55) Styrene	10.115	104	478327	56.764	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	340048	50.439	ug/L	99
59) Bromoform	10.295	173	161406	50.246	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	255699	49.519	ug/L	100
61) Isopropylbenzene	10.488	105	706737	57.105	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	372037	57.035	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	586681	58.500	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	371356	53.521	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	366142	51.689	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	380775	52.095	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	65363	47.417	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	276186	53.568	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	213851	52.502	ug/L	99
71) Naphthalene	14.089	128	595452	51.082	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	221583	53.082	ug/L	100

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

