

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
 Data File : VX025971.D
 Acq On : 21 Dec 2021 21:35
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050736

Quant Time: Dec 22 07:15:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 22 05:35:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	224848	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	158197	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	82617	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60345	33.289	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.580%
7) Chloroethane-d5	1.666	69	50278	33.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.420%#
11) 1,1-Dichloroethene-d2	2.313	63	110397	35.063	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.120%
21) 2-Butanone-d5	4.459	46	82162	62.828	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	62.830%
24) Chloroform-d	5.062	84	112666	32.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.840%#
26) 1,2-Dichloroethane-d4	5.958	65	72908	32.170	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.340%#
32) Benzene-d6	5.977	84	219521	45.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	7.312	67	87271	59.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.560%
41) Toluene-d8	8.653	98	206926	45.470	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.940%
43) trans-1,3-Dichloroprop...	8.952	79	27150	42.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.240%
47) 2-Hexanone-d5	9.384	63	59228	90.258	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.260%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	94490	45.691	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.380%
66) 1,2-Dichlorobenzene-d4	12.323	152	77888	44.726	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77163	39.732	ug/L	99
3) Chloromethane	1.294	50	73544	36.748	ug/L	98
5) Vinyl chloride	1.374	62	77512	38.059	ug/L	99
6) Bromomethane	1.605	94	52022	35.996	ug/L	96
8) Chloroethane	1.685	64	49991	37.101	ug/L	100
9) Trichlorofluoromethane	1.886	101	120303	40.019	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	55274	37.711	ug/L	88
12) 1,1-Dichloroethene	2.319	96	52072	36.984	ug/L #	70
13) Acetone	2.380	43	63650	60.839	ug/L	95
14) Carbon disulfide	2.514	76	146200	35.387	ug/L	99
15) Methyl Acetate	2.703	43	68901	36.349	ug/L #	90
16) Methylene chloride	2.794	84	63486	35.158	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	59074	35.585	ug/L	88
18) Methyl tert-butyl Ether	3.117	73	190422	35.787	ug/L	97
19) 1,1-Dichloroethane	3.611	63	111366	37.197	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	68516	36.392	ug/L	89
22) 2-Butanone	4.556	43	102786	69.252	ug/L	96
23) Bromochloromethane	4.898	128	34580	35.074	ug/L	86
25) Chloroform	5.099	83	121194	37.046	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	99261	37.853	ug/L	95
29) Cyclohexane	5.477	56	105050	56.591	ug/L	95
30) 1,1,1-Trichloroethane	5.391	97	103716	53.409	ug/L	97
31) Carbon tetrachloride	5.684	117	87636	52.972	ug/L	99
33) Benzene	6.044	78	261144	52.474	ug/L	100
34) Trichloroethene	7.129	95	89363	69.021	ug/L	91
35) Methylcyclohexane	7.385	83	138333	73.907	ug/L	96
37) 1,2-Dichloropropane	7.428	63	88935	72.076	ug/L	99
38) Bromodichloromethane	7.824	83	132293	79.191	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	124655	68.286	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	201660	106.664	ug/L	94
42) Toluene	8.720	91	287078	53.186	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	88423	51.580	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	66543	51.776	ug/L	96
46) Tetrachloroethene	9.275	164	49931	50.291	ug/L	95
48) 2-Hexanone	9.433	43	153217	99.471	ug/L	97
49) Dibromochloromethane	9.525	129	69996	52.090	ug/L	99
50) 1,2-Dibromoethane	9.610	107	70210	51.642	ug/L	99
51) Chlorobenzene	10.079	112	183929	52.199	ug/L	98
52) Ethylbenzene	10.195	91	314427	54.310	ug/L	98
53) m,p-Xylene	10.305	106	121934	52.902	ug/L	95
54) o-Xylene	10.640	106	119733	53.398	ug/L	89
55) Styrene	10.659	104	208589	55.174	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	104628	52.130	ug/L	97
59) Bromoform	10.799	173	45758	49.564	ug/L	99
60) Isopropylbenzene	10.963	105	316095	54.056	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	84185	50.572	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	267330	54.131	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	266683	53.750	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	136884	50.580	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	139643	51.537	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	138438	51.574	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	19547	50.267	ug/L	80
69) 1,3,5-Trichlorobenzene	13.116	180	88770	50.937	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	75755	52.875	ug/L	97
71) Naphthalene	13.780	128	275871	56.502	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	78726	54.876	ug/L	99

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

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