

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
 Data File : VX025134.D
 Acq On : 11 Nov 2021 16:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050704

Quant Time: Nov 12 05:05:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 11 16:29:23 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	200997	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	185942	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96615	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67052	49.379	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.760%
7) Chloroethane-d5	1.666	69	47784	61.744	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.480%
11) 1,1-Dichloroethene-d2	2.307	63	114298	48.940	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.880%
21) 2-Butanone-d5	4.459	46	114297	111.384	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.380%
24) Chloroform-d	5.056	84	122203	51.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.320%
26) 1,2-Dichloroethane-d4	5.958	65	74622	51.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.080%
32) Benzene-d6	5.977	84	255557	50.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.720%
36) 1,2-Dichloropropane-d6	7.312	67	78120	50.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.820%
41) Toluene-d8	8.653	98	239652	49.449	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.900%
43) trans-1,3-Dichloroprop...	8.952	79	43823m	52.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.200%
47) 2-Hexanone-d5	9.385	63	89083	107.057	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.060%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	115166	51.601	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	95409	49.816	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.640%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	78102	49.718	ug/L	99
3) Chloromethane	1.288	50	82198	48.333	ug/L	89
5) Vinyl chloride	1.374	62	85140	48.547	ug/L	99
6) Bromomethane	1.612	94	35547	52.821	ug/L	96
8) Chloroethane	1.685	64	49565	56.281	ug/L	98
9) Trichlorofluoromethane	1.886	101	125943	49.199	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	65552	49.417	ug/L	96
12) 1,1-Dichloroethene	2.319	96	63177	49.298	ug/L	83
13) Acetone	2.386	43	88739	92.189	ug/L	98
14) Carbon disulfide	2.514	76	187013	47.362	ug/L	100
15) Methyl Acetate	2.703	43	79502	50.730	ug/L #	82
16) Methylene chloride	2.788	84	70213	49.528	ug/L	84
17) trans-1,2-Dichloroethene	3.093	96	67144	48.243	ug/L	89
18) Methyl tert-butyl Ether	3.111	73	222954	51.251	ug/L #	90
19) 1,1-Dichloroethane	3.611	63	116426	49.453	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	75953	49.322	ug/L	99
22) 2-Butanone	4.556	43	127551	99.546	ug/L	85
23) Bromochloromethane	4.904	128	39628	49.984	ug/L #	76
25) Chloroform	5.093	83	121387	50.305	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	6.086	62	90462	51.130	ug/L #	86	11/12/2021
29) Cyclohexane	5.471	56	113433	47.750	ug/L	87	Supervised By :Mahesh Dadoda
30) 1,1,1-Trichloroethane	5.385	97	109618	47.975	ug/L #	94	
31) Carbon tetrachloride	5.678	117	97770	48.459	ug/L	98	
33) Benzene	6.038	78	279822	48.982	ug/L	100	
34) Trichloroethene	7.129	95	71766	48.073	ug/L	82	
35) Methylcyclohexane	7.385	83	123248	48.822	ug/L	93	11/12/2021
37) 1,2-Dichloropropane	7.434	63	69781	48.761	ug/L	100	
38) Bromodichloromethane	7.824	83	95196	49.155	ug/L	97	
39) cis-1,3-Dichloropropene	8.366	75	115553	49.175	ug/L	98	
40) 4-Methyl-2-pentanone	8.574	43	232027	102.017	ug/L #	84	
42) Toluene	8.720	91	302062	48.680	ug/L	96	
44) trans-1,3-Dichloropropene	8.976	75	113871	49.793	ug/L	97	
45) 1,1,2-Trichloroethane	9.153	97	71485	49.468	ug/L	99	
46) Tetrachloroethene	9.275	164	60510	48.582	ug/L	89	
48) 2-Hexanone	9.433	43	185227	99.356	ug/L #	84	
49) Dibromochloromethane	9.525	129	82654	50.105	ug/L	100	
50) 1,2-Dibromoethane	9.610	107	78524	50.774	ug/L #	100	
51) Chlorobenzene	10.080	112	197032	49.419	ug/L	96	
52) Ethylbenzene	10.195	91	328554	49.260	ug/L	94	
53) m,p-Xylene	10.305	106	130243	48.298	ug/L	81	
54) o-Xylene	10.647	106	130302	48.967	ug/L	79	
55) Styrene	10.659	104	222433	49.227	ug/L	81	
57) 1,1,2,2-Tetrachloroethane	11.213	83	113799	49.600	ug/L	98	
59) Bromoform	10.799	173	63931	48.963	ug/L #	95	
60) Isopropylbenzene	10.964	105	330633	47.859	ug/L	95	
61) 1,2,3-Trichloropropane	11.238	75	89844	49.385	ug/L	95	
62) 1,3,5-Trimethylbenzene	11.451	105	287792	49.099	ug/L	89	
63) 1,2,4-Trimethylbenzene	11.756	105	285888m	48.615	ug/L		
64) 1,3-Dichlorobenzene	11.969	146	154073	48.923	ug/L	93	
65) 1,4-Dichlorobenzene	12.043	146	153635	48.828	ug/L	95	
67) 1,2-Dichlorobenzene	12.335	146	152575	48.779	ug/L	95	
68) 1,2-Dibromo-3-chloropr...	12.945	75	26450	50.269	ug/L #	58	
69) 1,3,5-Trichlorobenzene	13.116	180	112994	49.594	ug/L	96	
70) 1,2,4-trichlorobenzene	13.591	180	101853	51.250	ug/L	97	
71) Naphthalene	13.780	128	360513	53.494	ug/L	99	
72) 1,2,3-Trichlorobenzene	13.963	180	102559	52.054	ug/L	95	

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

