

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025692.D
 Acq On : 10 Dec 2021 11:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050725

Quant Time: Dec 10 23:27:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 04:16:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	119827	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	112859	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	57610	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	36403	44.515	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.040%
7) Chloroethane-d5	1.666	69	30039	44.507	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.020%
11) 1,1-Dichloroethene-d2	2.306	63	67208	51.544	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.080%
21) 2-Butanone-d5	4.452	46	49304	80.993	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.990%
24) Chloroform-d	5.056	84	69449	48.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.180%
26) 1,2-Dichloroethane-d4	5.958	65	43774	49.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.280%
32) Benzene-d6	5.977	84	138018	46.143	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.280%
36) 1,2-Dichloropropane-d6	7.312	67	41365	44.667	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.340%
41) Toluene-d8	8.647	98	132055	46.774	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.540%
43) trans-1,3-Dichloroprop...	8.952	79	21300	45.747	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.500%
47) 2-Hexanone-d5	9.384	63	36418	75.546	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.550%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	57981	44.300	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	51081	45.207	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36476	51.873	ug/L	99
3) Chloromethane	1.294	50	34439	47.451	ug/L	99
5) Vinyl chloride	1.374	62	37287	44.007	ug/L	100
6) Bromomethane	1.605	94	23257	52.469	ug/L	98
8) Chloroethane	1.685	64	24523	43.447	ug/L	96
9) Trichlorofluoromethane	1.886	101	62529	47.291	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	35950	51.774	ug/L	96
12) 1,1-Dichloroethene	2.319	96	31735	49.320	ug/L	88
13) Acetone	2.380	43	52653	105.191	ug/L	99
14) Carbon disulfide	2.514	76	77347	48.887	ug/L	100
15) Methyl Acetate	2.703	43	37832	46.767	ug/L	# 90
16) Methylene chloride	2.788	84	36871	49.543	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	33706	48.656	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	112790	47.904	ug/L	99
19) 1,1-Dichloroethane	3.611	63	61515	49.585	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	39179	47.993	ug/L	99
22) 2-Butanone	4.556	43	64583	97.561	ug/L	98
23) Bromochloromethane	4.904	128	20751	48.115	ug/L	97
25) Chloroform	5.093	83	68832	50.983	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	50429	51.355	ug/L	100
29) Cyclohexane	5.471	56	52856	45.714	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	60652	48.683	ug/L	98
31) Carbon tetrachloride	5.678	117	54187	48.706	ug/L	99
33) Benzene	6.037	78	140612	46.638	ug/L	100
34) Trichloroethene	7.123	95	38643	48.729	ug/L	94
35) Methylcyclohexane	7.379	83	57909	46.396	ug/L	99
37) 1,2-Dichloropropane	7.427	63	35239	46.598	ug/L	99
38) Bromodichloromethane	7.824	83	53043	50.367	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	57641	46.797	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	108869	90.156	ug/L	98
42) Toluene	8.720	91	156490	47.064	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	55728	47.074	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	37879	47.200	ug/L	96
46) Tetrachloroethene	9.275	164	30650	45.574	ug/L	98
48) 2-Hexanone	9.433	43	91670	94.517	ug/L	99
49) Dibromochloromethane	9.525	129	45157	48.820	ug/L	96
50) 1,2-Dibromoethane	9.610	107	40215	47.017	ug/L	98
51) Chlorobenzene	10.079	112	105288	48.004	ug/L	99
52) Ethylbenzene	10.195	91	175625	49.146	ug/L	97
53) m,p-Xylene	10.305	106	69386	47.935	ug/L	99
54) o-Xylene	10.640	106	67357	46.486	ug/L	93
55) Styrene	10.659	104	116360	48.329	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	57974	46.783	ug/L	99
59) Bromoform	10.799	173	33153	46.639	ug/L	99
60) Isopropylbenzene	10.963	105	178867	48.311	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	46748	47.435	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	152962	49.396	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	151379	48.382	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	83652	49.205	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	82718	48.169	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	83236	48.419	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	12792	46.704	ug/L	94
69) 1,3,5-Trichlorobenzene	13.115	180	56781	45.911	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	48739	46.883	ug/L	98
71) Naphthalene	13.774	128	168282	47.756	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	50288	47.219	ug/L	99

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

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