

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081622\
 Data File : VX030651.D
 Acq On : 16 Aug 2022 13:45
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050786

Quant Time: Aug 17 02:22:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 17 02:19:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	289721	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	269926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141326	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	51652	27.762	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.520%#
7) Chloroethane-d5	1.660	69	50127	38.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.440%
11) 1,1-Dichloroethene-d2	2.307	63	138515	39.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.720%
21) 2-Butanone-d5	4.459	46	194375	112.754	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.750%
24) Chloroform-d	5.068	84	165067	43.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.964	65	112628	43.309	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.620%
32) Benzene-d6	5.977	84	293909	38.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.020%
36) 1,2-Dichloropropane-d6	7.312	67	109558	43.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.340%
41) Toluene-d8	8.653	98	256595	35.207	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.420%#
43) trans-1,3-Dichloroprop...	8.952	79	47266	37.874	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.740%
47) 2-Hexanone-d5	9.385	63	138284	108.147	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.150%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	181549	55.091	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.180%
66) 1,2-Dichlorobenzene-d4	12.323	152	119574	43.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	100931	46.297	ug/L	100
3) Chloromethane	1.288	50	91848	48.997	ug/L	98
5) Vinyl chloride	1.374	62	101787	50.835	ug/L	98
6) Bromomethane	1.599	94	50319	53.477	ug/L	96
8) Chloroethane	1.685	64	62724	54.995	ug/L	97
9) Trichlorofluoromethane	1.886	101	150710	50.928	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	102383	58.168	ug/L	97
12) 1,1-Dichloroethene	2.319	96	93131	57.432	ug/L #	68
13) Acetone	2.380	43	121683	96.312	ug/L	97
14) Carbon disulfide	2.514	76	226598	43.114	ug/L	100
15) Methyl Acetate	2.709	43	140310	53.653	ug/L	99
16) Methylene chloride	2.788	84	112505	54.715	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	97566	51.934	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	350956	54.933	ug/L	97
19) 1,1-Dichloroethane	3.611	63	202057	55.609	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	117852	55.766	ug/L	93
22) 2-Butanone	4.562	43	203250	101.977	ug/L	96
23) Bromochloromethane	4.904	128	57534	54.288	ug/L	95
25) Chloroform	5.099	83	221107	57.916	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	164855	51.882	ug/L	99
29) Cyclohexane	5.471	56	170515	47.518	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	175632	49.328	ug/L	99
31) Carbon tetrachloride	5.684	117	144474	49.164	ug/L	99
33) Benzene	6.044	78	451871	52.213	ug/L	100
34) Trichloroethene	7.129	95	120007	47.877	ug/L	88
35) Methylcyclohexane	7.385	83	172603	47.302	ug/L	98
37) 1,2-Dichloropropane	7.434	63	122541	53.254	ug/L	100
38) Bromodichloromethane	7.824	83	158200	51.947	ug/L	93
39) cis-1,3-Dichloropropene	8.373	75	175110	51.014	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	404241	100.879	ug/L	98
42) Toluene	8.720	91	476606	52.131	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	175300	52.177	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	118179	55.233	ug/L	99
46) Tetrachloroethene	9.275	164	76063	48.016	ug/L	98
48) 2-Hexanone	9.433	43	318076	102.161	ug/L	98
49) Dibromochloromethane	9.525	129	118426	52.025	ug/L	100
50) 1,2-Dibromoethane	9.610	107	120201	51.084	ug/L	96
51) Chlorobenzene	10.080	112	302567	53.121	ug/L	98
52) Ethylbenzene	10.195	91	531003	53.268	ug/L	99
53) m,p-Xylene	10.305	106	200446	53.948	ug/L	94
54) o-Xylene	10.647	106	199136	53.785	ug/L	98
55) Styrene	10.659	104	347410	55.728	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	194651	59.789	ug/L	98
59) Bromoform	10.805	173	78612	51.080	ug/L	100
60) Isopropylbenzene	10.964	105	521163	52.025	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	160220	52.790	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	454627	53.158	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	452699	52.414	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	230435	52.916	ug/L	94
65) 1,4-Dichlorobenzene	12.043	146	235462	53.190	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	239958	53.285	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	49910	49.852	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	153895	50.393	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	138452	51.622	ug/L	98
71) Naphthalene	13.774	128	587534	52.922	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	145359	51.309	ug/L	98

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

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