

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111124\
 Data File : VX043801.D
 Acq On : 11 Nov 2024 18:45
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050784

Quant Time: Nov 12 00:57:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 12 00:51:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	273513	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	256809	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	126669	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	58586	40.207	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.420%
7) Chloroethane-d5	1.648	69	35969	57.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.860%
11) 1,1-Dichloroethene-d2	2.294	65	26418	39.275	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.540%
21) 2-Butanone-d5	4.465	46	94491	99.043	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.040%
24) Chloroform-d	5.056	84	146728	46.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.420%
26) 1,2-Dichloroethane-d4	5.952	65	93870	47.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
32) Benzene-d6	5.964	84	277753	41.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.660%
36) 1,2-Dichloropropane-d6	7.305	67	85935	42.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.080%
41) Toluene-d8	8.647	98	255081	42.292	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.580%
43) trans-1,3-Dichloroprop...	8.951	79	43083	44.598	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.200%
47) 2-Hexanone-d5	9.384	63	77021	96.346	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.350%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	140256	54.116	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	107560	49.009	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64406	33.435	ug/L	98
3) Chloromethane	1.294	50	71700	38.300	ug/L	99
5) Vinyl chloride	1.374	62	70284	38.327	ug/L	98
6) Bromomethane	1.593	94	38458	54.120	ug/L	96
8) Chloroethane	1.666	64	33795	52.380	ug/L	98
9) Trichlorofluoromethane	1.867	101	98882	42.492	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	63289	39.599	ug/L	96
12) 1,1-Dichloroethene	2.306	96	61614	42.230	ug/L	92
13) Acetone	2.386	43	65922	74.293	ug/L	94
14) Carbon disulfide	2.501	76	108934	33.774	ug/L	99
15) Methyl Acetate	2.703	43	75542	40.261	ug/L #	88
16) Methylene chloride	2.782	84	80225	45.512	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	66174	42.158	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	269077	45.094	ug/L	98
19) 1,1-Dichloroethane	3.605	63	126251	40.846	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	91043	46.698	ug/L	96
22) 2-Butanone	4.568	43	104070	81.068	ug/L	97
23) Bromochloromethane	4.897	128	49007	50.006	ug/L	91
25) Chloroform	5.086	83	143269	43.195	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	114250	44.579	ug/L	97
29) Cyclohexane	5.464	56	86349	28.978	ug/L	92
30) 1,1,1-Trichloroethane	5.379	97	112992	36.320	ug/L	99
31) Carbon tetrachloride	5.672	117	90761	35.562	ug/L	98
33) Benzene	6.031	78	283959	38.792	ug/L	100
34) Trichloroethene	7.123	95	339520	172.527	ug/L	96
35) Methylcyclohexane	7.373	83	90409	30.750	ug/L	95
37) 1,2-Dichloropropane	7.427	63	79103	40.568	ug/L	98
38) Bromodichloromethane	7.818	83	99629	40.172	ug/L	93
39) cis-1,3-Dichloropropene	8.366	75	129885	40.803	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	216362	81.525	ug/L	94
42) Toluene	8.714	91	305680	39.703	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	122866	42.329	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	93371	46.698	ug/L	98
46) Tetrachloroethene	9.269	164	57699	40.733	ug/L	95
48) 2-Hexanone	9.433	43	164574	82.959	ug/L	95
49) Dibromochloromethane	9.518	129	85657	45.962	ug/L	97
50) 1,2-Dibromoethane	9.610	107	98707	47.812	ug/L	97
51) Chlorobenzene	10.079	112	215056	42.740	ug/L	96
52) Ethylbenzene	10.189	91	326747	39.044	ug/L	98
53) m,p-Xylene	10.299	106	131823	40.805	ug/L	94
54) o-Xylene	10.640	106	141282	43.867	ug/L	91
55) Styrene	10.652	104	241972	45.164	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	142128	47.461	ug/L	99
59) Bromoform	10.799	173	59011	44.539	ug/L	96
60) Isopropylbenzene	10.963	105	328815	37.437	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	108483	44.122	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	279216	37.821	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	288556	39.256	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	167817	43.438	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	169068	43.448	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	180178	45.637	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	26073	42.349	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	110746	42.979	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	106948	45.267	ug/L	98
71) Naphthalene	13.774	128	418922	47.748	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	116161	47.573	ug/L	96

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

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