

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
 Data File : VX043905.D
 Acq On : 19 Nov 2024 17:06
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050792

Quant Time: Nov 19 23:45:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 23:30:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	371210	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	333347	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	121516	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	109194	36.870	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.740%		
7) Chloroethane-d5	1.648	69	45722	36.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.220%		
11) 1,1-Dichloroethene-d2	2.294	65	45276	38.039	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.080%		
21) 2-Butanone-d5	4.465	46	136924	76.938	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.940%		
24) Chloroform-d	5.050	84	210642	38.384	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.760%		
26) 1,2-Dichloroethane-d4	5.952	65	133831	36.736	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.480%		
32) Benzene-d6	5.971	84	403417	36.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.400%		
36) 1,2-Dichloropropane-d6	7.306	67	125391	37.741	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	75.480%		
41) Toluene-d8	8.647	98	364086	37.756	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.520%#		
43) trans-1,3-Dichloroprop...	8.952	79	57264	38.087	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.180%		
47) 2-Hexanone-d5	9.385	63	97626	78.702	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.700%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	152916	36.503	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	73.000%		
66) 1,2-Dichlorobenzene-d4	12.317	152	101938	39.521	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.040%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	99754	32.751	ug/L	100
3) Chloromethane	1.295	50	102622	32.952	ug/L	98
5) Vinyl chloride	1.374	62	102968	32.516	ug/L	98
6) Bromomethane	1.593	94	37573	28.490	ug/L	90
8) Chloroethane	1.660	64	39226	27.830	ug/L	98
9) Trichlorofluoromethane	1.868	101	136007	32.100	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	84412	33.423	ug/L	98
12) 1,1-Dichloroethene	2.307	96	75648	32.890	ug/L #	81
13) Acetone	2.386	43	94726	60.549	ug/L	98
14) Carbon disulfide	2.502	76	147123	30.097	ug/L	99
15) Methyl Acetate	2.703	43	93239	31.859	ug/L	99
16) Methylene chloride	2.782	84	89498	33.186	ug/L	97
17) trans-1,2-Dichloroethene	3.081	96	78316	31.795	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	295790	32.451	ug/L	99
19) 1,1-Dichloroethane	3.605	63	158969	32.395	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	97691	32.624	ug/L	99
22) 2-Butanone	4.562	43	131622	63.128	ug/L	96
23) Bromochloromethane	4.898	128	48516	31.480	ug/L	99
25) Chloroform	5.087	83	174653	32.591	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	135996	32.175	ug/L	98
29) Cyclohexane	5.458	56	139004	32.058	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	144472	31.410	ug/L	98
31) Carbon tetrachloride	5.672	117	116539	31.237	ug/L	99
33) Benzene	6.031	78	355772	31.927	ug/L	100
34) Trichloroethene	7.123	95	92666	30.301	ug/L	97
35) Methylcyclohexane	7.373	83	137686	32.930	ug/L	98
37) 1,2-Dichloropropane	7.428	63	92771	32.078	ug/L	99
38) Bromodichloromethane	7.818	83	114041	31.443	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	145980	32.033	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	251984	63.643	ug/L	100
42) Toluene	8.714	91	366657	32.651	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	134603	32.859	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	96446	33.913	ug/L	98
46) Tetrachloroethene	9.269	164	66707	33.476	ug/L	97
48) 2-Hexanone	9.433	43	193233	64.653	ug/L	99
49) Dibromochloromethane	9.519	129	85163	32.393	ug/L	99
50) 1,2-Dibromoethane	9.610	107	98361	32.834	ug/L	98
51) Chlorobenzene	10.080	112	239575	34.394	ug/L	96
52) Ethylbenzene	10.189	91	405293	34.241	ug/L	99
53) m,p-Xylene	10.299	106	152649	34.723	ug/L	98
54) o-Xylene	10.640	106	151296	34.183	ug/L	99
55) Styrene	10.653	104	253168	34.554	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	128967	30.295	ug/L	98
59) Bromoform	10.799	173	44095	32.386	ug/L	98
60) Isopropylbenzene	10.964	105	367256	38.351	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	106201	38.357	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	274580	36.293	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	296828	39.349	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	138668	34.514	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	138158	34.630	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	140796	33.846	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	22193	32.027	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	87811	33.872	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	77841	32.565	ug/L	98
71) Naphthalene	13.774	128	300423	33.785	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	82854	34.401	ug/L	97

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

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