

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121324\
 Data File : VX044277.D
 Acq On : 13 Dec 2024 13:15
 Operator : JC/MD
 Sample : P5252-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F7J20MS

Quant Time: Dec 13 22:48:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 03:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	203490	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	182722	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	83973	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	78821	42.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.660%
7) Chloroethane-d5	1.648	69	61738	42.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.294	65	32383	40.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.320%
21) 2-Butanone-d5	4.465	46	111520	97.815	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.810%
24) Chloroform-d	5.056	84	172833	48.882	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.760%
26) 1,2-Dichloroethane-d4	5.946	65	114709	45.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.760%
32) Benzene-d6	5.964	84	295613	46.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	7.306	67	94913	48.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.820%
41) Toluene-d8	8.647	98	258953	44.359	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.720%
43) trans-1,3-Dichloroprop...	8.945	79	43382	46.048	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.100%
47) 2-Hexanone-d5	9.384	63	74109	96.952	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.950%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	130376	49.597	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.317	152	93012	47.539	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82931	50.254	ug/L	100
3) Chloromethane	1.294	50	80302	52.749	ug/L	95
5) Vinyl chloride	1.374	62	84609	51.514	ug/L	93
6) Bromomethane	1.593	94	59279	53.101	ug/L	93
8) Chloroethane	1.666	64	58478	53.781	ug/L	99
9) Trichlorofluoromethane	1.867	101	140557	45.931	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	69375	51.475	ug/L	93
12) 1,1-Dichloroethene	2.306	96	60136	50.130	ug/L #	63
13) Acetone	2.386	43	72663	71.625	ug/L	92
14) Carbon disulfide	2.502	76	101493	44.661	ug/L	99
15) Methyl Acetate	2.703	43	77603	47.172	ug/L	97
16) Methylene chloride	2.782	84	73457	53.212	ug/L	91
17) trans-1,2-Dichloroethene	3.087	96	62645	50.141	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	252942	50.173	ug/L	97
19) 1,1-Dichloroethane	3.605	63	134935	51.482	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	78939	51.684	ug/L	93
22) 2-Butanone	4.562	43	107697	87.955	ug/L	94
23) Bromochloromethane	4.891	128	39983	53.679	ug/L #	86
25) Chloroform	5.093	83	157883	53.521	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	128439	52.373	ug/L	97
29) Cyclohexane	5.458	56	112998	49.842	ug/L	97
30) 1,1,1-Trichloroethane	5.373	97	126112	50.844	ug/L	97
31) Carbon tetrachloride	5.666	117	98294	50.594	ug/L	100
33) Benzene	6.031	78	285971	51.538	ug/L	100
34) Trichloroethene	7.117	95	289038	190.796	ug/L	96
35) Methylcyclohexane	7.373	83	111588	50.848	ug/L	98
37) 1,2-Dichloropropane	7.427	63	79633	53.447	ug/L	100
38) Bromodichloromethane	7.818	83	99428	50.935	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	127296	54.548	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	226622	98.247	ug/L	93
42) Toluene	8.714	91	306362	52.109	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	112740	50.969	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	78930	51.695	ug/L	97
46) Tetrachloroethene	9.269	164	69444	68.719	ug/L	96
48) 2-Hexanone	9.433	43	167375	92.159	ug/L	93
49) Dibromochloromethane	9.519	129	70008	51.874	ug/L	98
50) 1,2-Dibromoethane	9.610	107	81760	51.852	ug/L	97
51) Chlorobenzene	10.079	112	195175	51.744	ug/L	99
52) Ethylbenzene	10.189	91	338987	52.344	ug/L	100
53) m,p-Xylene	10.299	106	123164	52.507	ug/L	98
54) o-Xylene	10.640	106	125533	52.043	ug/L	96
55) Styrene	10.652	104	207633	52.778	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	121119	51.136	ug/L	98
59) Bromoform	10.799	173	42746	50.733	ug/L	95
60) Isopropylbenzene	10.963	105	333318	51.440	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	94171	48.419	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	272919	50.752	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	269196	51.008	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	134909	50.202	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	136240	50.662	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	141024	51.684	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	19978	45.196	ug/L	90
69) 1,3,5-Trichlorobenzene	13.109	180	83603	49.863	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	75056	50.256	ug/L	99
71) Naphthalene	13.774	128	275773	45.292	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	76793	48.402	ug/L	96

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

