

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111124\
 Data File : VX043784.D
 Acq On : 11 Nov 2024 12:13
 Operator : JC/MD
 Sample : P4742-21MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E1H28MS

Quant Time: Nov 12 00:52:42 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	279922	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	253323	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	126399	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	80319	53.860	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 107.720%		
7) Chloroethane-d5	1.648	69	43269	67.502	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 135.000%#		
11) 1,1-Dichloroethene-d2	2.294	65	36399	52.874	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 105.740%		
21) 2-Butanone-d5	4.464	46	109718	112.370	ug/L	0.01
Spiked Amount 100.000	Range 40	- 130	Recovery	= 112.370%		
24) Chloroform-d	5.050	84	182143	56.658	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 113.320%		
26) 1,2-Dichloroethane-d4	5.952	65	110271	53.995	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 107.980%		
32) Benzene-d6	5.964	84	360818	55.092	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 110.180%		
36) 1,2-Dichloropropane-d6	7.305	67	106332	53.364	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 106.720%		
41) Toluene-d8	8.647	98	333353	56.030	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 112.060%		
43) trans-1,3-Dichloroprop...	8.951	79	51719	54.274	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 108.540%		
47) 2-Hexanone-d5	9.384	63	89261	113.194	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 113.190%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	159780	62.497	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 125.000%#		
66) 1,2-Dichlorobenzene-d4	12.317	152	134732	61.521	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 123.040%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	93184	47.266	ug/L	100
3) Chloromethane	1.294	50	92613	48.338	ug/L	99
5) Vinyl chloride	1.374	62	92561	49.320	ug/L	98
6) Bromomethane	1.593	94	44434	61.098	ug/L	98
8) Chloroethane	1.660	64	39398	59.667	ug/L	99
9) Trichlorofluoromethane	1.867	101	129379	54.324	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	88669	54.209	ug/L	96
12) 1,1-Dichloroethene	2.306	96	81365	54.490	ug/L	84
13) Acetone	2.386	43	74933	82.515	ug/L	95
14) Carbon disulfide	2.501	76	145826	44.177	ug/L	100
15) Methyl Acetate	2.703	43	84693	44.105	ug/L	91
16) Methylene chloride	2.782	84	93641	51.907	ug/L	94
17) trans-1,2-Dichloroethene	3.087	96	84226	52.430	ug/L	88
18) Methyl tert-butyl Ether	3.117	73	303118	49.636	ug/L	98
19) 1,1-Dichloroethane	3.605	63	154269	48.768	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	103419	51.832	ug/L	92
22) 2-Butanone	4.568	43	118303	90.046	ug/L	94
23) Bromochloromethane	4.891	128	54410	54.249	ug/L	88
25) Chloroform	5.086	83	172787	50.901	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	128946	49.161	ug/L	98
29) Cyclohexane	5.458	56	132398	45.042	ug/L	94
30) 1,1,1-Trichloroethane	5.373	97	144233	47.000	ug/L	98
31) Carbon tetrachloride	5.665	117	121995	48.458	ug/L	99
33) Benzene	6.031	78	358985	49.717	ug/L	100
34) Trichloroethene	7.123	95	140325	72.287	ug/L	97
35) Methylcyclohexane	7.372	83	140513	48.449	ug/L	95
37) 1,2-Dichloropropane	7.427	63	94405	49.082	ug/L	98
38) Bromodichloromethane	7.818	83	116229	47.511	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	154597	49.235	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	246834	94.286	ug/L	95
42) Toluene	8.714	91	387902	51.076	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	140052	48.914	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	104075	52.768	ug/L	98
46) Tetrachloroethene	9.275	164	76821	54.979	ug/L	92
48) 2-Hexanone	9.433	43	187687	95.911	ug/L	97
49) Dibromochloromethane	9.518	129	96400	52.438	ug/L	100
50) 1,2-Dibromoethane	9.610	107	108457	53.258	ug/L #	95
51) Chlorobenzene	10.079	112	265951	53.582	ug/L	96
52) Ethylbenzene	10.189	91	424961	51.478	ug/L	99
53) m,p-Xylene	10.299	106	170059	53.365	ug/L	96
54) o-Xylene	10.640	106	174880	55.046	ug/L	94
55) Styrene	10.652	104	291095	55.081	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	160575	54.359	ug/L	100
59) Bromoform	10.799	173	66451	50.261	ug/L	96
60) Isopropylbenzene	10.963	105	437845	49.957	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	120447	49.092	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	367627	49.903	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	368449	50.232	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	205849	53.396	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	202094	52.047	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	206959	52.532	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	28373	46.183	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.109	180	133607	51.962	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	121138	51.382	ug/L	98
71) Naphthalene	13.774	128	454128	51.871	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	128636	52.794	ug/L	99

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

