

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043696.D
 Acq On : 04 Nov 2024 20:33
 Operator : JC/MD
 Sample : P4621-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BH6M7

Quant Time: Nov 05 03:49:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 05 03:44:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	311987	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	283464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	133153	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	72378	43.547	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.100%		
7) Chloroethane-d5	1.642	69	33452	46.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.640%		
11) 1,1-Dichloroethene-d2	2.294	65	31441	40.978	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.960%		
21) 2-Butanone-d5	4.465	46	107302	98.601	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.600%		
24) Chloroform-d	5.056	84	159539	44.526	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.060%		
26) 1,2-Dichloroethane-d4	5.952	65	101725	44.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.380%		
32) Benzene-d6	5.970	84	325655	44.436	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.880%		
36) 1,2-Dichloropropane-d6	7.306	67	101156	45.368	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.740%		
41) Toluene-d8	8.647	98	293723	44.119	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.240%		
43) trans-1,3-Dichloroprop...	8.952	79	46526	43.633	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.260%		
47) 2-Hexanone-d5	9.384	63	86946	98.534	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.530%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	130821	45.729	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.460%		
66) 1,2-Dichlorobenzene-d4	12.317	152	111601	48.374	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	78528	35.738	ug/L	99
3) Chloromethane	1.294	50	106914	50.067	ug/L	99
5) Vinyl chloride	1.374	62	96308	46.042	ug/L	100
6) Bromomethane	1.593	94	40851	50.398	ug/L	98
8) Chloroethane	1.660	64	35965	48.870	ug/L	97
9) Trichlorofluoromethane	1.861	101	97867	36.869	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	68564	37.609	ug/L	99
12) 1,1-Dichloroethene	2.307	96	75697	45.484	ug/L	80
13) Acetone	2.392	43	119714	118.278	ug/L	98
14) Carbon disulfide	2.502	76	148345	40.321	ug/L	99
15) Methyl Acetate	2.709	43	85164	39.792	ug/L	96
16) Methylene chloride	2.782	84	103177	51.315	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	84762	47.341	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	338456	49.726	ug/L	99
19) 1,1-Dichloroethane	3.605	63	169344	48.031	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	109055	49.039	ug/L	98
22) 2-Butanone	4.568	43	160357	109.510	ug/L	100
23) Bromochloromethane	4.891	128	58426	52.266	ug/L	94
25) Chloroform	5.086	83	195785	51.749	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	145440	49.750	ug/L	98
29) Cyclohexane	5.458	56	115700	35.176	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	142145	41.395	ug/L	99
31) Carbon tetrachloride	5.672	117	110230	39.129	ug/L	100
33) Benzene	6.031	78	380866	47.138	ug/L	100
34) Trichloroethene	7.123	95	108659	50.023	ug/L	97
35) Methylcyclohexane	7.373	83	111064	34.223	ug/L	98
37) 1,2-Dichloropropane	7.428	63	105953	49.229	ug/L #	93
38) Bromodichloromethane	7.818	83	128569	46.967	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	162420	46.226	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	305016	104.122	ug/L	99
42) Toluene	8.714	91	390929	46.001	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	148355	46.305	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	112434	50.944	ug/L	97
46) Tetrachloroethene	9.275	164	66786	42.715	ug/L	93
48) 2-Hexanone	9.433	43	232857	106.341	ug/L	98
49) Dibromochloromethane	9.519	129	102291	49.726	ug/L	99
50) 1,2-Dibromoethane	9.610	107	116317	51.044	ug/L	96
51) Chlorobenzene	10.079	112	266244	47.937	ug/L	97
52) Ethylbenzene	10.195	91	415144	44.942	ug/L	98
53) m,p-Xylene	10.299	106	165613	46.444	ug/L	97
54) o-Xylene	10.640	106	168854	47.498	ug/L	97
55) Styrene	10.653	104	296819	50.192	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	144276	43.648	ug/L	99
59) Bromoform	10.799	173	68460	49.154	ug/L	97
60) Isopropylbenzene	10.963	105	404478	43.809	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	134166	51.910	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	345246	44.488	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	350761	45.395	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	194760	47.957	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	196767	48.104	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	206420	49.738	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	33874	52.340	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	123409	45.561	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	121515	48.928	ug/L	98
71) Naphthalene	13.774	128	474031	51.398	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	127715	49.758	ug/L	99

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

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