

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
 Data File : VX041147.D
 Acq On : 17 Apr 2024 23:47
 Operator : JC/MD
 Sample : P2039-02MS 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E1CY1MS

Quant Time: Apr 18 02:26:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 02:15:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	258516	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	236540	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	122570	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	95194	51.461	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 102.920%		
7) Chloroethane-d5	1.648	69	49493	53.765	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 107.520%		
11) 1,1-Dichloroethene-d2	2.294	65	39991	50.462	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 100.920%		
21) 2-Butanone-d5	4.471	46	137272	129.994	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 129.990%		
24) Chloroform-d	5.056	84	197977	58.146	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 116.300%		
26) 1,2-Dichloroethane-d4	5.958	65	124528	57.555	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 115.120%		
32) Benzene-d6	5.970	84	383485	56.284	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 112.560%		
36) 1,2-Dichloropropane-d6	7.306	67	115427	58.527	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 117.060%		
41) Toluene-d8	8.647	98	345580	54.068	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 108.140%		
43) trans-1,3-Dichloroprop...	8.952	79	50446	57.177	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 114.360%		
47) 2-Hexanone-d5	9.391	63	102477	127.982	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 127.980%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	177247	61.599	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 123.200%#		
66) 1,2-Dichlorobenzene-d4	12.317	152	150978	57.277	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 114.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76178	47.094	ug/L	98
3) Chloromethane	1.301	50	91168	58.877	ug/L	99
5) Vinyl chloride	1.374	62	92815	55.632	ug/L	98
6) Bromomethane	1.599	94	48216	55.151	ug/L	97
8) Chloroethane	1.666	64	32186	49.207	ug/L	98
9) Trichlorofluoromethane	1.861	101	123479	49.358	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	75652	44.645	ug/L	98
12) 1,1-Dichloroethene	2.307	96	78358	54.126	ug/L	95
13) Acetone	2.398	43	92472	109.174	ug/L	99
14) Carbon disulfide	2.502	76	139508	47.467	ug/L	99
15) Methyl Acetate	2.709	43	110572	61.455	ug/L	98
16) Methylene chloride	2.788	84	98445	60.603	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	80908	55.307	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	305649	60.691	ug/L	100
19) 1,1-Dichloroethane	3.605	63	162824	58.413	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	102298	58.659	ug/L	98
22) 2-Butanone	4.574	43	148034	116.652	ug/L	95
23) Bromochloromethane	4.898	128	54409	59.924	ug/L	98
25) Chloroform	5.093	83	178055	59.458	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	141027	59.675	ug/L	98
29) Cyclohexane	5.464	56	101168	42.515	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	140491	54.746	ug/L	99
31) Carbon tetrachloride	5.672	117	112857	51.155	ug/L	99
33) Benzene	6.031	78	355438	57.612	ug/L	100
34) Trichloroethene	7.123	95	89224	53.425	ug/L	99
35) Methylcyclohexane	7.379	83	104947	41.345	ug/L	99
37) 1,2-Dichloropropane	7.428	63	95001	59.381	ug/L	100
38) Bromodichloromethane	7.824	83	120053	58.706	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	135171	55.481	ug/L	95
40) 4-Methyl-2-pentanone	8.580	43	308358	129.697	ug/L	99
42) Toluene	8.714	91	372736	56.021	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	128467	57.871	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	103876	60.242	ug/L	97
46) Tetrachloroethene	9.275	164	77262	48.318	ug/L	97
48) 2-Hexanone	9.433	43	215377	116.645	ug/L	94
49) Dibromochloromethane	9.519	129	103974	59.361	ug/L	99
50) 1,2-Dibromoethane	9.610	107	109462	60.948	ug/L	99
51) Chlorobenzene	10.079	112	254743	54.931	ug/L	100
52) Ethylbenzene	10.195	91	388140	52.358	ug/L	99
53) m,p-Xylene	10.299	106	156200	53.225	ug/L	98
54) o-Xylene	10.640	106	160537	54.621	ug/L	98
55) Styrene	10.653	104	272698	55.756	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	168397	61.166	ug/L	99
59) Bromoform	10.799	173	87433	63.160	ug/L	99
60) Isopropylbenzene	10.963	105	387856	53.650	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	129404	64.039	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	321090	54.394	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	326397	55.592	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	203576	55.189	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	206982	55.006	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	222176	58.079	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	34137	66.202	ug/L	80
69) 1,3,5-Trichlorobenzene	13.109	180	150791	52.494	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	137404	53.043	ug/L	99
71) Naphthalene	13.774	128	452472	60.857	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	151135	55.887	ug/L	99

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

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