

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037032.D
 Acq On : 26 Aug 2024 17:01
 Operator : SY/MD
 Sample : P3697-02MS 10X
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GCN87MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2024
 Supervised By : Mahesh Dadoda 08/28/2024

Quant Time: Aug 27 02:02:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:58:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	659528	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	642494	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	321490	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	255067	42.278	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.560%		
7) Chloroethane-d5	1.529	69	209810	44.997	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.000%		
11) 1,1-Dichloroethene-d2	2.056	65	114947	45.331	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.660%		
21) 2-Butanone-d5	3.796	46	291177m	124.631	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	124.630%		
24) Chloroform-d	4.243	84	469101	49.681	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.360%		
26) 1,2-Dichloroethane-d4	4.937	65	298871	50.262	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.520%		
32) Benzene-d6	4.953	84	928671	47.855	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.720%		
36) 1,2-Dichloropropane-d6	5.985	67	297403	48.930	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.860%		
41) Toluene-d8	7.239	98	850985	48.589	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.180%		
43) trans-1,3-Dichloroprop...	7.548	79	139949	49.768	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.540%		
47) 2-Hexanone-d5	8.024	63	234489	141.357	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	141.360%#		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	395182	53.608	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.220%		
66) 1,2-Dichlorobenzene-d4	11.554	152	313588	48.703	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	275797	49.486	ug/L	99
3) Chloromethane	1.217	50	322672	51.480	ug/L	99
5) Vinyl chloride	1.281	62	306410	52.075	ug/L	99
6) Bromomethane	1.484	94	175413	53.203	ug/L	100
8) Chloroethane	1.548	64	189249	52.583	ug/L	99
9) Trichlorofluoromethane	1.712	101	390255	50.823	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	228440	50.018	ug/L	99
12) 1,1-Dichloroethene	2.066	96	218279	50.729	ug/L	93
13) Acetone	2.111	43	398999	159.240	ug/L	99
14) Carbon disulfide	2.236	76	629333	48.179	ug/L	99
15) Methyl Acetate	2.371	43	271468	64.624	ug/L	99
16) Methylene chloride	2.442	84	277435	57.147	ug/L	99
17) trans-1,2-Dichloroethene	2.686	96	231053	51.726	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	805625	57.334	ug/L	100
19) 1,1-Dichloroethane	3.104	63	470310	53.018	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	258980	52.469	ug/L	99
22) 2-Butanone	3.876	43	312978	113.449	ug/L	99
23) Bromochloromethane	4.140	128	131832	54.410	ug/L	97
25) Chloroform	4.272	83	470922	52.418	ug/L	99

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27) 1,2-Dichloroethane	5.037	62	354272	53.758	ug/L	100
29) Cyclohexane	4.571	56	378779	50.141	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	379727	51.365	ug/L	99
31) Carbon tetrachloride	4.725	117	314777	50.461	ug/L	99
33) Benzene	5.002	78	971504	52.395	ug/L	100
34) Trichloroethene	5.828	95	249177	50.915	ug/L	98
35) Methylcyclohexane	6.043	83	390772	49.145	ug/L	99
37) 1,2-Dichloropropane	6.088	63	266100	53.532	ug/L	99
38) Bromodichloromethane	6.429	83	347095	54.479	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	411134	52.410	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	689463	136.429	ug/L	98
42) Toluene	7.310	91	1013269	52.486	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	382415	54.540	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	257258	55.595	ug/L	99
46) Tetrachloroethene	7.902	164	175042	49.849	ug/L	97
48) 2-Hexanone	8.075	43	487843	124.819	ug/L	98
49) Dibromochloromethane	8.172	129	248093	53.544	ug/L	99
50) 1,2-Dibromoethane	8.278	107	265931	56.793	ug/L	99
51) Chlorobenzene	8.808	112	659678	51.614	ug/L	100
52) Ethylbenzene	8.940	91	1128834	51.766	ug/L	99
53) m,p-Xylene	9.069	106	416286	51.524	ug/L	98
54) o-Xylene	9.474	106	406109	51.336	ug/L	98
55) Styrene	9.490	104	725361	52.844	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	402308	58.702	ug/L	99
59) Bromoform	9.660	173	169557	56.639	ug/L	99
60) Isopropylbenzene	9.863	105	1100069	52.782	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	300784	60.143	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	905465	53.100	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	904325	53.142	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	490322	50.948	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	504204	51.188	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	492289	52.023	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	79942	64.096	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	332830	49.702	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	323892	51.365	ug/L	99
71) Naphthalene	13.432	128	1146520	62.967	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	327921	52.770	ug/L	97

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

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