

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026908.D
 Acq On : 22 Jul 2022 23:46
 Operator : SY/MD
 Sample : N3841-10MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUD4MS

Quant Time: Jul 23 04:59:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 23 00:23:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	569179	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	571338	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	313781	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	190319	39.868	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.740%		
7) Chloroethane-d5	1.561	69	163221	42.264	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.520%		
11) 1,1-Dichloroethene-d2	2.101	63	366263	42.646	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.300%		
21) 2-Butanone-d5	3.883	46	339795	105.601	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.600%		
24) Chloroform-d	4.342	84	435490	46.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.700%		
26) 1,2-Dichloroethane-d4	5.027	65	252236	46.935	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.880%		
32) Benzene-d6	5.043	84	839772	48.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.260%		
36) 1,2-Dichloropropane-d6	6.066	67	268009	48.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.300%		
41) Toluene-d8	7.313	98	750402	49.660	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.320%		
43) trans-1,3-Dichloroprop...	7.619	79	110407	47.343	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.680%		
47) 2-Hexanone-d5	8.088	63	270349	111.560	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.560%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	417862	49.423	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.840%		
66) 1,2-Dichlorobenzene-d4	11.622	152	286444	48.659	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	252524	42.946	ug/L	100
3) Chloromethane	1.236	50	250931	45.634	ug/L	99
5) Vinyl chloride	1.307	62	266228	45.546	ug/L	100
6) Bromomethane	1.516	94	161711	45.785	ug/L	99
8) Chloroethane	1.580	64	156853	45.667	ug/L	98
9) Trichlorofluoromethane	1.744	101	358954	44.559	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	203519	43.197	ug/L	99
12) 1,1-Dichloroethene	2.111	96	201645	45.820	ug/L	98
13) Acetone	2.175	43	230203	101.890	ug/L	99
14) Carbon disulfide	2.288	76	566034	45.080	ug/L	100
15) Methyl Acetate	2.429	43	218948	43.936	ug/L	99
16) Methylene chloride	2.500	84	255700	45.581	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	217307	46.731	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	662260	51.267	ug/L	100
19) 1,1-Dichloroethane	3.182	63	412882	48.211	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	243289	49.644	ug/L	97
22) 2-Butanone	3.966	43	343826	111.580	ug/L	100
23) Bromochloromethane	4.243	128	133706	47.647	ug/L	97
25) Chloroform	4.368	83	436232	47.759	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	308334	47.838	ug/L	100
29) Cyclohexane	4.674	56	304378	50.946	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	366520	48.554	ug/L	99
31) Carbon tetrachloride	4.821	117	312014	47.208	ug/L	100
33) Benzene	5.095	78	946336	51.505	ug/L	100
34) Trichloroethene	5.911	95	222440	47.112	ug/L	98
35) Methylcyclohexane	6.127	83	326720	46.735	ug/L	99
37) 1,2-Dichloropropane	6.169	63	249689	52.214	ug/L	99
38) Bromodichloromethane	6.506	83	314624	48.540	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	320884	48.350	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	636178	111.789	ug/L	99
42) Toluene	7.384	91	986926	52.624	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	310513	47.444	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	250893	49.266	ug/L	99
46) Tetrachloroethene	7.972	164	172510	46.838	ug/L	96
48) 2-Hexanone	8.136	43	516543	116.622	ug/L	99
49) Dibromochloromethane	8.243	129	254861	47.881	ug/L	97
50) 1,2-Dibromoethane	8.349	107	256099	49.153	ug/L	97
51) Chlorobenzene	8.879	112	637350	48.756	ug/L	99
52) Ethylbenzene	9.011	91	993510	51.036	ug/L	100
53) m,p-Xylene	9.136	106	396958	52.079	ug/L	99
54) o-Xylene	9.541	106	386650	52.669	ug/L	99
55) Styrene	9.558	104	713780	55.055	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	417214	50.753	ug/L	99
59) Bromoform	9.728	173	173792	49.575	ug/L	100
60) Isopropylbenzene	9.931	105	983741	53.051	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	320712	50.936	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	806252	53.498	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	816844	54.036	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	467354	49.328	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	484013	48.213	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	490142	50.423	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	84456	50.206	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	305163	45.497	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	259041	45.838	ug/L	99
71) Naphthalene	13.500	128	1007650	56.701	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	295232	50.082	ug/L	99

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

