

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026969.D
 Acq On : 26 Jul 2022 22:28
 Operator : SY/MD
 Sample : N3843-14MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUP2MSD

Quant Time: Jul 27 01:45:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	552203	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	551889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	304854	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	180899	39.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.120%
7) Chloroethane-d5	1.564	69	152573	40.721	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.440%
11) 1,1-Dichloroethene-d2	2.105	63	346831	41.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.260%
21) 2-Butanone-d5	3.883	46	323055	103.485	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.490%
24) Chloroform-d	4.342	84	407377	44.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
26) 1,2-Dichloroethane-d4	5.027	65	234679	45.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.020%
32) Benzene-d6	5.043	84	776893	46.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.140%
36) 1,2-Dichloropropane-d6	6.066	67	251979	46.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.740%
41) Toluene-d8	7.313	98	699724	47.938	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	7.619	79	105780	46.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.920%
47) 2-Hexanone-d5	8.088	63	234938	100.364	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	395926	48.478	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.960%
66) 1,2-Dichlorobenzene-d4	11.622	152	274133	47.932	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	237199	41.580	ug/L	99
3) Chloromethane	1.240	50	236704	44.370	ug/L	99
5) Vinyl chloride	1.307	62	256243	45.186	ug/L	100
6) Bromomethane	1.519	94	164495	48.005	ug/L	99
8) Chloroethane	1.580	64	157430	47.244	ug/L	96
9) Trichlorofluoromethane	1.748	101	358970	45.930	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	207537	45.403	ug/L	100
12) 1,1-Dichloroethene	2.114	96	200065	46.858	ug/L	88
13) Acetone	2.179	43	235541	107.458	ug/L	99
14) Carbon disulfide	2.288	76	539942	44.323	ug/L	100
15) Methyl Acetate	2.429	43	228981	47.362	ug/L	99
16) Methylene chloride	2.500	84	254958	46.846	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	216772	48.049	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	667071	53.227	ug/L	100
19) 1,1-Dichloroethane	3.185	63	413611	49.780	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	241479	50.789	ug/L	97
22) 2-Butanone	3.966	43	346515	115.909	ug/L	99
23) Bromochloromethane	4.243	128	134491	49.400	ug/L	98
25) Chloroform	4.368	83	436719	49.282	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	304015	48.618	ug/L	99
29) Cyclohexane	4.674	56	294969	51.111	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	373004	51.155	ug/L	99
31) Carbon tetrachloride	4.821	117	320800	50.248	ug/L	100
33) Benzene	5.095	78	940114	52.969	ug/L	100
34) Trichloroethene	5.908	95	225336	49.407	ug/L	99
35) Methylcyclohexane	6.127	83	330592	48.956	ug/L	99
37) 1,2-Dichloropropane	6.169	63	246996	53.471	ug/L	100
38) Bromodichloromethane	6.506	83	316231	50.507	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	333832	52.073	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	635336	115.575	ug/L	99
42) Toluene	7.384	91	1002278	55.326	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	322983	51.088	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	257572	52.360	ug/L	99
46) Tetrachloroethene	7.972	164	174176	48.957	ug/L	97
48) 2-Hexanone	8.136	43	506092	118.289	ug/L	96
49) Dibromochloromethane	8.243	129	267522	52.031	ug/L	100
50) 1,2-Dibromoethane	8.349	107	264122	52.479	ug/L	98
51) Chlorobenzene	8.879	112	643843	50.988	ug/L	99
52) Ethylbenzene	9.011	91	1001427	53.256	ug/L	99
53) m,p-Xylene	9.136	106	404603	54.952	ug/L	99
54) o-Xylene	9.542	106	396161	55.867	ug/L	99
55) Styrene	9.558	104	710045	56.697	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	424587	53.470	ug/L	99
59) Bromoform	9.728	173	183690	53.932	ug/L	99
60) Isopropylbenzene	9.931	105	1001916	55.613	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	324310	53.016	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	817482	55.831	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	835697	56.902	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	482747	52.445	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	497099	50.966	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	498228	52.756	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	86366	52.845	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	312728	47.991	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	262242	47.763	ug/L	100
71) Naphthalene	13.500	128	928394	53.771	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	303012	52.907	ug/L	99

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

