

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026909.D
 Acq On : 23 Jul 2022 00:11
 Operator : SY/MD
 Sample : N3841-11MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUD4MSD

Quant Time: Jul 23 05:00:14 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	592307	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	584233	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	322691	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	193624	38.976	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.960%
7) Chloroethane-d5	1.561	69	166121	41.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.680%
11) 1,1-Dichloroethene-d2	2.104	63	374101	41.858	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.720%
21) 2-Butanone-d5	3.883	46	350012	104.529	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.530%
24) Chloroform-d	4.342	84	438380	44.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.680%
26) 1,2-Dichloroethane-d4	5.027	65	255557	45.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.400%
32) Benzene-d6	5.046	84	858756	48.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.260%
36) 1,2-Dichloropropane-d6	6.066	67	273345	48.029	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.060%
41) Toluene-d8	7.313	98	776155	50.230	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.460%
43) trans-1,3-Dichloroprop...	7.619	79	111317	46.680	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.360%
47) 2-Hexanone-d5	8.085	63	272862	110.112	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.110%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	423568	48.992	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.980%
66) 1,2-Dichlorobenzene-d4	11.622	152	296692	49.008	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	258408	42.231	ug/L	99
3) Chloromethane	1.240	50	256532	44.831	ug/L	98
5) Vinyl chloride	1.307	62	273096	44.897	ug/L	98
6) Bromomethane	1.516	94	165624	45.062	ug/L	100
8) Chloroethane	1.580	64	159684	44.676	ug/L	97
9) Trichlorofluoromethane	1.748	101	365055	43.546	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	207202	42.261	ug/L	99
12) 1,1-Dichloroethene	2.114	96	202980	44.322	ug/L	92
13) Acetone	2.175	43	229295	97.525	ug/L	99
14) Carbon disulfide	2.288	76	584470	44.730	ug/L	99
15) Methyl Acetate	2.429	43	221480	42.708	ug/L	100
16) Methylene chloride	2.500	84	259002	44.367	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	223199	46.124	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	681656	50.708	ug/L	100
19) 1,1-Dichloroethane	3.185	63	416102	46.689	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	247241	48.480	ug/L	99
22) 2-Butanone	3.966	43	340799	106.279	ug/L	100
23) Bromochloromethane	4.243	128	136237	46.653	ug/L	99
25) Chloroform	4.368	83	438396	46.122	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	310346	46.270	ug/L	100
29) Cyclohexane	4.673	56	311482	50.984	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	375949	48.704	ug/L	99
31) Carbon tetrachloride	4.821	117	321375	47.551	ug/L	99
33) Benzene	5.095	78	968430	51.544	ug/L	100
34) Trichloroethene	5.911	95	228323	47.291	ug/L	98
35) Methylcyclohexane	6.127	83	348054	48.688	ug/L	99
37) 1,2-Dichloropropane	6.169	63	251391	51.409	ug/L	100
38) Bromodichloromethane	6.506	83	317949	47.970	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	323316	47.641	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	650392	111.764	ug/L	99
42) Toluene	7.384	91	1001768	52.237	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	316640	47.312	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	254756	48.921	ug/L	99
46) Tetrachloroethene	7.972	164	174960	46.455	ug/L	96
48) 2-Hexanone	8.136	43	501788	110.790	ug/L	96
49) Dibromochloromethane	8.242	129	261508	48.046	ug/L	99
50) 1,2-Dibromoethane	8.349	107	264851	49.710	ug/L	98
51) Chlorobenzene	8.879	112	648312	48.500	ug/L	99
52) Ethylbenzene	9.011	91	1021231	51.302	ug/L	100
53) m,p-Xylene	9.136	106	402409	51.629	ug/L	99
54) o-Xylene	9.541	106	396568	52.828	ug/L	99
55) Styrene	9.558	104	718637	54.206	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	423356	50.363	ug/L	99
59) Bromoform	9.728	173	174259	48.335	ug/L	99
60) Isopropylbenzene	9.931	105	1014666	53.208	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	323987	50.035	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	829633	53.529	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	843414	54.253	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	482752	49.547	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	490413	47.502	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	498622	49.879	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	84608	48.907	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	316983	45.955	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	275808	47.457	ug/L	99
71) Naphthalene	13.500	128	1032407	56.490	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	306453	50.550	ug/L	98

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

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