

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072922\
 Data File : VW027121.D
 Acq On : 30 Jul 2022 06:47
 Operator : SY/MD
 Sample : N3897-06MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUP9MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/01/2022
 Supervised By :Mahesh Dadoda 08/02/2022

Quant Time: Jul 30 08:16:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 30 01:28:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	594133	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	579046	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	307739	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	231483	40.953	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.900%
7) Chloroethane-d5	1.565	69	198350	44.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.580%
11) 1,1-Dichloroethene-d2	2.105	63	419953	43.641	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.280%
21) 2-Butanone-d5	3.883	46	261781	81.222	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.220%
24) Chloroform-d	4.343	84	476921	46.848	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.700%
26) 1,2-Dichloroethane-d4	5.027	65	271543	46.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
32) Benzene-d6	5.043	84	963397	47.379	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.760%
36) 1,2-Dichloropropane-d6	6.066	67	297724	47.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.680%
41) Toluene-d8	7.313	98	864915	47.059	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.120%
43) trans-1,3-Dichloroprop...	7.619	79	122848	44.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.360%
47) 2-Hexanone-d5	8.088	63	263980	98.667	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.670%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	443138	47.224	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	11.622	152	330059	47.711	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	298458	48.403	ug/L	99
3) Chloromethane	1.240	50	276874	49.106	ug/L	100
5) Vinyl chloride	1.307	62	299093	50.010	ug/L	100
6) Bromomethane	1.520	94	129973	35.387	ug/L	98
8) Chloroethane	1.581	64	179851	51.218	ug/L	99
9) Trichlorofluoromethane	1.748	101	374561	48.817	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	210990	47.635	ug/L	99
12) 1,1-Dichloroethene	2.114	96	213466	49.326	ug/L	95
13) Acetone	2.172	43	255236m	106.919	ug/L	
14) Carbon disulfide	2.288	76	658570	47.966	ug/L	100
15) Methyl Acetate	2.429	43	161457	40.698	ug/L	95
16) Methylene chloride	2.503	84	258972	46.946	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	235237	49.649	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	707230	54.344	ug/L	99
19) 1,1-Dichloroethane	3.185	63	425437	51.420	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	254590	51.961	ug/L	98
22) 2-Butanone	3.966	43	236277	89.717	ug/L	87
23) Bromochloromethane	4.243	128	135243	51.241	ug/L	98
25) Chloroform	4.371	83	447708	51.325	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	308768	51.439	ug/L	98
29) Cyclohexane	4.670	56	357156	57.408	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	382980	51.531	ug/L	100
31) Carbon tetrachloride	4.822	117	329008	50.852	ug/L	100
33) Benzene	5.095	78	1003893	53.797	ug/L	100
34) Trichloroethene	5.912	95	246324	51.287	ug/L	99
35) Methylcyclohexane	6.127	83	381379	53.227	ug/L	100
37) 1,2-Dichloropropane	6.169	63	255607	54.730	ug/L	100
38) Bromodichloromethane	6.506	83	324751	52.352	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	344142	51.365	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	637857	107.980	ug/L	100
42) Toluene	7.384	91	1057818	54.980	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	318431	48.886	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	256687	51.336	ug/L	98
46) Tetrachloroethene	7.973	164	186384	49.615	ug/L	99
48) 2-Hexanone	8.140	43	486651	104.540	ug/L	99
49) Dibromochloromethane	8.243	129	269190	52.349	ug/L	100
50) 1,2-Dibromoethane	8.349	107	273512	52.165	ug/L	99
51) Chlorobenzene	8.879	112	687732	53.002	ug/L	99
52) Ethylbenzene	9.008	91	1086086	55.749	ug/L	100
53) m,p-Xylene	9.137	106	427690	55.814	ug/L	99
54) o-Xylene	9.542	106	422711	57.283	ug/L	100
55) Styrene	9.558	104	739207	57.237	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	413607	51.306	ug/L	99
59) Bromoform	9.728	173	175806	50.292	ug/L	100
60) Isopropylbenzene	9.928	105	1083205	56.404	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	318427	49.337	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	468431	56.989	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	382348	58.290	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	501071	53.747	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	511638	52.080	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	520277	53.439	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	83712	49.471	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	328902	52.016	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	288897	53.381	ug/L	99
71) Naphthalene	13.500	128	1000508	53.130	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	317332	54.059	ug/L	99

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

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