

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072922\
 Data File : VW027123.D
 Acq On : 30 Jul 2022 07:36
 Operator : SY/MD
 Sample : N3956-05MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF03MS

Quant Time: Jul 30 08:20:55 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	629794	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	604482	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	331536	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	224618	37.488	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.980%
7) Chloroethane-d5	1.565	69	195516	41.185	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.360%
11) 1,1-Dichloroethene-d2	2.105	63	411681	40.359	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.720%
21) 2-Butanone-d5	3.883	46	286620	83.893	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.890%
24) Chloroform-d	4.343	84	483235	44.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.560%
26) 1,2-Dichloroethane-d4	5.027	65	272788	44.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.060%
32) Benzene-d6	5.047	84	984478	46.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.760%
36) 1,2-Dichloropropane-d6	6.066	67	301746	46.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.880%
41) Toluene-d8	7.314	98	874077	45.556	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.120%
43) trans-1,3-Dichloroprop...	7.619	79	126237	43.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.980%
47) 2-Hexanone-d5	8.088	63	320279	114.672	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.670%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	463636	47.329	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.660%
66) 1,2-Dichlorobenzene-d4	11.622	152	344867	46.273	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.540%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	286069	43.767	ug/L	100
3) Chloromethane	1.240	50	275337	46.068	ug/L	99
5) Vinyl chloride	1.307	62	294292	46.421	ug/L	100
6) Bromomethane	1.520	94	128866	33.099	ug/L	99
8) Chloroethane	1.581	64	178136	47.857	ug/L	99
9) Trichlorofluoromethane	1.751	101	372207	45.763	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	205786	43.829	ug/L	100
12) 1,1-Dichloroethene	2.114	96	212227	46.263	ug/L	94
13) Acetone	2.172	43	220084m	86.973	ug/L	
14) Carbon disulfide	2.291	76	665950	45.757	ug/L	100
15) Methyl Acetate	2.429	43	160101	38.071	ug/L	100
16) Methylene chloride	2.503	84	260718	44.586	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	239262	47.639	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	706888	51.242	ug/L	99
19) 1,1-Dichloroethane	3.185	63	441580	50.349	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	268672	51.730	ug/L	99
22) 2-Butanone	3.970	43	247994	88.834	ug/L	90
23) Bromochloromethane	4.243	128	140246	50.128	ug/L	98
25) Chloroform	4.368	83	445133	48.140	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	340895	53.576	ug/L	99
29) Cyclohexane	4.674	56	357672	55.071	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	388836	50.117	ug/L	99
31) Carbon tetrachloride	4.822	117	325943	48.258	ug/L	100
33) Benzene	5.095	78	6406872	328.886	ug/L	100
34) Trichloroethene	5.912	95	260018	51.860	ug/L	99
35) Methylcyclohexane	6.127	83	394620	52.758	ug/L	90
37) 1,2-Dichloropropane	6.169	63	257292	52.773	ug/L	99
38) Bromodichloromethane	6.506	83	339071	52.360	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	359320	51.374	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	709801	115.103	ug/L	99
42) Toluene	7.384	91	1084383	53.989	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	330326	48.579	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	261241	50.048	ug/L	98
46) Tetrachloroethene	7.976	164	188661	48.108	ug/L	99
48) 2-Hexanone	8.140	43	494742	101.806	ug/L	91
49) Dibromochloromethane	8.243	129	270342	50.360	ug/L	97
50) 1,2-Dibromoethane	8.349	107	273401	49.949	ug/L	100
51) Chlorobenzene	8.879	112	739691	54.608	ug/L	100
52) Ethylbenzene	9.011	91	1093965	53.791	ug/L	99
53) m,p-Xylene	9.137	106	429839	53.734	ug/L	99
54) o-Xylene	9.542	106	430111	55.833	ug/L	99
55) Styrene	9.558	104	749745	55.610	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	431839	51.313	ug/L	99
59) Bromoform	9.728	173	193190	51.298	ug/L	99
60) Isopropylbenzene	9.931	105	1088346	52.604	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	332890	47.876	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	483807	54.635	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	394621	55.843	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	528143	52.585	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	523318	49.446	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	531689	50.691	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	97445	53.453	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	337424	49.533	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	299475	51.363	ug/L	99
71) Naphthalene	13.500	128	1103251	54.381	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	324311	51.282	ug/L	99

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

Manual Integrations

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