

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072922\
 Data File : VW027099.D
 Acq On : 29 Jul 2022 21:00
 Operator : SY/MD
 Sample : N3899-07MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUR4MSD

Quant Time: Jul 30 00:11:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 30 00:04:45 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	533177	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	530094	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	291046	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	232243	45.785	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.560%
7) Chloroethane-d5	1.564	69	198992	49.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.020%
11) 1,1-Dichloroethene-d2	2.105	63	422780	48.957	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.920%
21) 2-Butanone-d5	3.886	46	270240	93.432	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.430%
24) Chloroform-d	4.342	84	470141	51.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.920%
26) 1,2-Dichloroethane-d4	5.027	65	264742	51.048	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.100%
32) Benzene-d6	5.043	84	935133	50.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.480%
36) 1,2-Dichloropropane-d6	6.066	67	286141	50.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.440%
41) Toluene-d8	7.313	98	850240	50.533	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.060%
43) trans-1,3-Dichloroprop...	7.619	79	125852	50.005	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.000%
47) 2-Hexanone-d5	8.088	63	261108	106.606	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.610%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	442931	51.561	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	11.622	152	321294	49.108	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.220%
Target Compounds						
2) Dichlorodifluoromethane	1.127	85	295058	53.322	ug/L	99
3) Chloromethane	1.236	50	283214	55.973	ug/L	99
5) Vinyl chloride	1.307	62	293824	54.746	ug/L	100
6) Bromomethane	1.519	94	174839	53.044	ug/L	99
8) Chloroethane	1.581	64	179612	56.997	ug/L	99
9) Trichlorofluoromethane	1.748	101	380761	55.298	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	214977	54.084	ug/L	99
12) 1,1-Dichloroethene	2.114	96	213766	55.042	ug/L	91
13) Acetone	2.172	43	199365m	93.062	ug/L	
14) Carbon disulfide	2.288	76	645414	52.382	ug/L	100
15) Methyl Acetate	2.429	43	170018	47.756	ug/L	97
16) Methylene chloride	2.500	84	260274	52.576	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	230577	54.229	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	660661	56.569	ug/L	100
19) 1,1-Dichloroethane	3.185	63	412829	55.600	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	244205	55.540	ug/L	98
22) 2-Butanone	3.969	43	237498	100.490	ug/L	91
23) Bromochloromethane	4.243	128	134671	56.858	ug/L	98
25) Chloroform	4.368	83	436287	55.733	ug/L	99

08/01/2022
 Supervised By :Mahesh
 Gadoda

08/02/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	300218	55.733	ug/L	99
29) Cyclohexane	4.674	56	326771	57.374	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	374071	54.980	ug/L	100
31) Carbon tetrachloride	4.822	117	327876	55.357	ug/L	99
33) Benzene	5.095	78	974740	57.058	ug/L	100
34) Trichloroethene	5.912	95	234177	53.261	ug/L	99
35) Methylcyclohexane	6.127	83	365657	55.745	ug/L	100
37) 1,2-Dichloropropane	6.169	63	242934	56.820	ug/L	99
38) Bromodichloromethane	6.506	83	317629	55.932	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	337735	55.064	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	626136	115.784	ug/L	99
42) Toluene	7.384	91	1027088	58.313	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	329978	55.337	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	253820	55.450	ug/L	98
46) Tetrachloroethene	7.973	164	187675	54.572	ug/L	98
48) 2-Hexanone	8.140	43	500392	117.418	ug/L	100
49) Dibromochloromethane	8.243	129	265006	56.294	ug/L	99
50) 1,2-Dibromoethane	8.349	107	268470	55.931	ug/L	99
51) Chlorobenzene	8.879	112	654689	55.115	ug/L	99
52) Ethylbenzene	9.011	91	1037921	58.197	ug/L	99
53) m,p-Xylene	9.136	106	408545	58.239	ug/L	96
54) o-Xylene	9.542	106	402509	59.582	ug/L	99
55) Styrene	9.558	104	726317	61.432	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	411972	55.822	ug/L	100
59) Bromoform	9.728	173	177730	53.758	ug/L	99
60) Isopropylbenzene	9.931	105	1027071	56.549	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	321461	52.664	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	428217	55.084	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	344440	55.523	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	482515	54.726	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	500691	53.889	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	507647	55.132	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	81952	51.209	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	318099	53.193	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	269382	52.630	ug/L	100
71) Naphthalene	13.500	128	943507	52.976	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	301908	54.381	ug/L	100

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

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