Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027122.D
Acq On : 30 Jul 2022 07:12
Operator : SY/MD
Sample : N3897-07MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Jul 30 08:18:29 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

Instrument :
MSVOA_V
ClientSampleId :
DBUP9MSD

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	626296	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	604548	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	325824	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	231773	38.899	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.800%		
7) Chloroethane-d5	1.565	69	200187	42.404	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.800%		
11) 1,1-Dichloroethene-d2	2.105	63	429322	42.323	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.640%		
21) 2-Butanone-d5	3.883	46	243969	71.808	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	71.810%		
24) Chloroform-d	4.343	84	483092	45.017	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.040%		
26) 1,2-Dichloroethane-d4	5.027	65	274570	45.071	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.140%		
32) Benzene-d6	5.043	84	977116	46.026	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.060%		
36) 1,2-Dichloropropane-d6	6.066	67	303567	46.719	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.440%		
41) Toluene-d8	7.314	98	883741	46.055	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.120%		
43) trans-1,3-Dichloroprop...	7.619	79	125202	43.620	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.240%		
47) 2-Hexanone-d5	8.088	63	273337	97.854	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.850%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	451616	46.097	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	336727	45.973	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.940%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	312439	48.068	ug/L	99
3) Chloromethane	1.240	50	285101	47.969	ug/L	99
5) Vinyl chloride	1.307	62	305416	48.445	ug/L	100
6) Bromomethane	1.520	94	145377	37.548	ug/L	100
8) Chloroethane	1.581	64	185964	50.239	ug/L	100
9) Trichlorofluoromethane	1.748	101	394858	48.820	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	219994	47.117	ug/L	99
12) 1,1-Dichloroethene	2.114	96	224923	49.304	ug/L	92
13) Acetone	2.169	43	199437m	79.254	ug/L	
14) Carbon disulfide	2.288	76	695874	48.081	ug/L	100
15) Methyl Acetate	2.429	43	157606	37.687	ug/L	94
16) Methylene chloride	2.500	84	269384	46.326	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	247554	49.565	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	746637	54.426	ug/L	98
19) 1,1-Dichloroethane	3.185	63	440041	50.454	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	267958	51.881	ug/L	99
22) 2-Butanone	3.966	43	248521	89.520	ug/L	99
23) Bromochloromethane	4.243	128	145080	52.145	ug/L	98
25) Chloroform	4.368	83	460295	50.058	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	318739	50.374	ug/L	100
29) Cyclohexane	4.674	56	369951	56.956	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	400173	51.573	ug/L	99
31) Carbon tetrachloride	4.822	117	339429	50.249	ug/L	99
33) Benzene	5.095	78	1032458	52.994	ug/L	100
34) Trichloroethene	5.908	95	254267	50.708	ug/L	99
35) Methylcyclohexane	6.127	83	395685	52.894	ug/L	100
37) 1,2-Dichloropropane	6.169	63	263376	54.015	ug/L	99
38) Bromodichloromethane	6.506	83	337956	52.182	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	358490	51.250	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	657480	106.607	ug/L	98
42) Toluene	7.384	91	1087237	54.126	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	337760	49.666	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	265417	50.842	ug/L	97
46) Tetrachloroethene	7.973	164	192770	49.150	ug/L	99
48) 2-Hexanone	8.137	43	509018	104.732	ug/L	99
49) Dibromochloromethane	8.243	129	277520	51.692	ug/L	100
50) 1,2-Dibromoethane	8.349	107	279848	51.122	ug/L	99
51) Chlorobenzene	8.879	112	713217	52.648	ug/L	99
52) Ethylbenzene	9.011	91	1133267	55.717	ug/L	99
53) m,p-Xylene	9.137	106	445622	55.701	ug/L	99
54) o-Xylene	9.542	106	438247	56.883	ug/L	100
55) Styrene	9.558	104	765327	56.759	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	424020	50.379	ug/L	100
59) Bromoform	9.728	173	183276	49.519	ug/L	99
60) Isopropylbenzene	9.931	105	1127249	55.440	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	328212	48.031	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	489152	56.207	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	399161	57.476	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	522843	52.970	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	530398	50.993	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	534331	51.836	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	86164	48.094	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	344086	51.397	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	301752	52.661	ug/L	100
71) Naphthalene	13.500	128	1049550	52.640	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	329148	52.960	ug/L	99

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

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