Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051210.D
Acq On : 07 Oct 2022 06:46
Operator : JC/MD
Sample : N4890-04MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY0E1MSD

Quant Time: Oct 07 08:29:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 07 02:51:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	388894	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	405806	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	191806	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	153182	38.866	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.740%			
7) Chloroethane-d5	1.900	69	133735	36.529	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 73.060%			
11) 1,1-Dichloroethene-d2	2.562	63	244441	41.987	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.980%			
21) 2-Butanone-d5	4.620	46	205943	80.565	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 80.570%			
24) Chloroform-d	5.060	84	292189	46.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.040%			
26) 1,2-Dichloroethane-d4	5.700	65	179853	45.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.520%			
32) Benzene-d6	5.726	84	571054	48.054	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.100%			
36) 1,2-Dichloropropane-d6	6.690	67	192357	49.884	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.760%			
41) Toluene-d8	7.896	98	504379	45.938	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.880%			
43) trans-1,3-Dichloroprop...	8.179	79	76845	41.781	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.560%			
47) 2-Hexanone-d5	8.632	63	102195	65.635	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 65.630%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	300469	44.585	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.160%			
66) 1,2-Dichlorobenzene-d4	12.192	152	176288	43.023	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	131048	40.186	ug/L	100
3) Chloromethane	1.523	50	192568	49.979	ug/L	99
5) Vinyl chloride	1.601	62	191738	46.890	ug/L	99
6) Bromomethane	1.835	94	106143	31.337	ug/L	100
8) Chloroethane	1.922	64	120403	40.099	ug/L	100
9) Trichlorofluoromethane	2.131	101	207171	37.680	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	122348	41.210	ug/L	98
12) 1,1-Dichloroethene	2.575	96	123116	44.394	ug/L	93
13) Acetone	2.623	43	162613	79.664	ug/L	99
14) Carbon disulfide	2.787	76	364291	44.438	ug/L	99
15) Methyl Acetate	2.945	43	133550	35.836	ug/L	95
16) Methylene chloride	3.041	84	173138	43.489	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	133141	45.127	ug/L	97
18) Methyl tert-butyl Ether	3.363	73	431125	48.084	ug/L	98
19) 1,1-Dichloroethane	3.867	63	284646	50.790	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	156229	47.425	ug/L	99
22) 2-Butanone	4.700	43	250661	88.879	ug/L	97
23) Bromochloromethane	4.970	128	86460	47.901	ug/L	90
25) Chloroform	5.086	83	295888	48.538	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	228961	49.031	ug/L	99
29) Cyclohexane	5.385	56	179713	45.482	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	221850	46.615	ug/L	99
31) Carbon tetrachloride	5.523	117	174382	44.908	ug/L	98
33) Benzene	5.771	78	652163	52.714	ug/L	100
34) Trichloroethene	6.539	95	146141	45.606	ug/L	97
35) Methylcyclohexane	6.761	83	174089	39.917	ug/L	95
37) 1,2-Dichloropropane	6.790	63	181549	54.493	ug/L	99
38) Bromodichloromethane	7.102	83	222430	50.028	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	214097	45.376	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	483836	100.281	ug/L	97
42) Toluene	7.967	91	678409	51.553	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	208369	43.677	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	177999	49.325	ug/L	98
46) Tetrachloroethene	8.552	164	98900	40.727	ug/L	98
48) 2-Hexanone	8.681	43	421204	96.114	ug/L	98
49) Dibromochloromethane	8.809	129	170514	44.942	ug/L	97
50) 1,2-Dibromoethane	8.922	107	176052	44.996	ug/L	97
51) Chlorobenzene	9.446	112	396676	44.326	ug/L	99
52) Ethylbenzene	9.568	91	613878	43.734	ug/L	100
53) m,p-Xylene	9.694	106	237388	44.973	ug/L	97
54) o-Xylene	10.099	106	241123	45.703	ug/L	100
55) Styrene	10.112	104	424507	46.553	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	317475	49.708	ug/L	98
59) Bromoform	10.288	173	126073	44.672	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	241113	47.769	ug/L	97
61) Isopropylbenzene	10.485	105	573609	46.036	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	460001	45.149	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	464351	45.473	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	276837	43.098	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	277448	43.210	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	299946	45.450	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	58427	39.666	ug/L	93
69) 1,3,5-Trichlorobenzene	13.218	180	168126	38.598	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	126389	35.463	ug/L	97
71) Naphthalene	14.086	128	462301	36.242	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	156331	39.310	ug/L	100

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

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