Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
Data File : BM039019.D
Acq On : 16 Mar 2023 16:57
Operator : CG/JU
Sample : 01627-08
Misc : LOQ-WATER-10ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 17 06:16:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 06:13:01 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	385126	20.000	ng		0.00
21) Naphthalene-d8	10.792	136	1570350	20.000	ng		0.00
39) Acenaphthene-d10	14.616	164	937307	20.000	ng		0.00
64) Phenanthrene-d10	17.363	188	1884677	20.000	ng		0.00
76) Chrysene-d12	21.545	240	1510075	20.000	ng		0.00
86) Perylene-d12	23.980	264	1423351	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2061548	81.326	ng		0.00
7) Phenol-d6	7.134	99	2749472	83.505	ng		0.00
23) Nitrobenzene-d5	9.145	82	1973055	61.718	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	888783	81.967	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	4091445	56.825	ng		0.00
79) Terphenyl-d14	19.986	244	5350325	64.779	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	76968	6.825	ng		97
3) Pyridine	3.805	79	262671	8.398	ng		96
4) n-Nitrosodimethylamine	3.716	42	126580	9.946	ng	#	95
6) Aniline	7.298	93	427822	9.896	ng		99
8) 2-Chlorophenol	7.534	128	266451	9.873	ng		99
9) Benzaldehyde	7.110	77	180478m	11.519	ng		
10) Phenol	7.157	94	349910	10.007	ng		98
11) bis(2-Chloroethyl)ether	7.398	93	284196	9.997	ng		99
12) 1,3-Dichlorobenzene	7.863	146	288650	10.065	ng		98
13) 1,4-Dichlorobenzene	8.010	146	290328	9.954	ng		98
14) 1,2-Dichlorobenzene	8.334	146	285015	10.144	ng		99
15) Benzyl Alcohol	8.216	79	238652	10.112	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.516	45	398755	11.107	ng		99
17) 2-Methylphenol	8.416	107	223348	9.299	ng		99
18) Hexachloroethane	9.063	117	109703	10.194	ng		99
19) n-Nitroso-di-n-propyla...	8.787	70	230828	11.130	ng		97
20) 3+4-Methylphenols	8.745	107	299121	9.327	ng		97
22) Acetophenone	8.804	105	312832	7.100	ng	#	98
24) Nitrobenzene	9.187	77	340403	10.131	ng		97
25) Isophorone	9.710	82	608015	10.335	ng		99
26) 2-Nitrophenol	9.898	139	124868	9.403	ng		96
27) 2,4-Dimethylphenol	9.957	122	249445	9.731	ng		98
28) bis(2-Chloroethoxy)met...	10.198	93	384080	10.161	ng		100
29) 2,4-Dichlorophenol	10.434	162	223908	9.213	ng		99
30) 1,2,4-Trichlorobenzene	10.651	180	246545	9.284	ng		100
31) Naphthalene	10.839	128	853124	9.527	ng		99
32) Benzoic acid	10.034	122	119644m	7.046	ng		
33) 4-Chloroaniline	10.951	127	359001	9.408	ng		97
34) Hexachlorobutadiene	11.128	225	138495	9.094	ng		99
35) Caprolactam	11.722	113	65231	8.819	ng		93
36) 4-Chloro-3-methylphenol	12.063	107	259300	10.020	ng		95
37) 2-Methylnaphthalene	12.445	142	569644	9.491	ng		99
38) 1-Methylnaphthalene	12.663	142	532890	9.475	ng		99
40) 1,2,4,5-Tetrachloroben...	12.810	216	186120	6.108	ng		98
41) Hexachlorocyclopentadiene	12.792	237	186107	11.127	ng		100
43) 2,4,6-Trichlorophenol	13.051	196	170233	8.627	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	184901	8.006	ng	98
46) 1,1'-Biphenyl	13.451	154	534965	6.737	ng	99
47) 2-Chloronaphthalene	13.498	162	570637	9.530	ng	99
48) 2-Nitroaniline	13.698	65	163446	9.505	ng	97
49) Acenaphthylene	14.339	152	878553	9.211	ng	100
50) Dimethylphthalate	14.075	163	699716	9.701	ng	99
51) 2,6-Dinitrotoluene	14.192	165	137648	9.386	ng	92
52) Acenaphthene	14.680	154	552270	9.422	ng	99
53) 3-Nitroaniline	14.522	138	154426	9.084	ng	99
54) 2,4-Dinitrophenol	14.722	184	71173	9.006	ng	97
55) Dibenzofuran	15.016	168	865202	9.433	ng	100
56) 4-Nitrophenol	14.816	139	161042	11.243	ng	97
57) 2,4-Dinitrotoluene	14.974	165	173371	9.232	ng	89
58) Fluorene	15.663	166	686681	9.557	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.239	232	166457	9.345	ng	99
60) Diethylphthalate	15.433	149	687303	9.794	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	324684	9.198	ng	96
62) 4-Nitroaniline	15.680	138	154294	9.095	ng	97
63) Azobenzene	15.951	77	739984	9.965	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	97002	8.597	ng	90
66) n-Nitrosodiphenylamine	15.868	169	575079	9.051	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	185386	9.107	ng	96
68) Hexachlorobenzene	16.663	284	213359	9.376	ng	95
69) Atrazine	16.821	200	122799	7.076	ng	98
70) Pentachlorophenol	17.010	266	151879	9.074	ng	98
71) Phenanthrene	17.404	178	1035510	9.362	ng	99
72) Anthracene	17.492	178	1018222	9.231	ng	99
73) Carbazole	17.762	167	951025	9.447	ng	99
74) Di-n-butylphthalate	18.327	149	1062167	9.498	ng	99
75) Fluoranthene	19.415	202	1051201	9.001	ng	99
77) Benzidine	19.604	184	318167	10.109	ng	99
78) Pyrene	19.780	202	1115045	9.831	ng	99
80) Butylbenzylphthalate	20.674	149	402287	9.550	ng	92
81) Benzo(a)anthracene	21.527	228	995581	9.155	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	232560	6.958	ng	99
83) Chrysene	21.580	228	963729	9.112	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	598301	9.678	ng	98
85) Di-n-octyl phthalate	22.392	149	904096	8.469	ng	97
87) Indeno(1,2,3-cd)pyrene	26.515	276	914930	8.448	ng	97
88) Benzo(b)fluoranthene	23.239	252	909313	10.000	ng	99
89) Benzo(k)fluoranthene	23.286	252	863198	9.121	ng	99
90) Benzo(a)pyrene	23.868	252	728812	8.328	ng	99
91) Dibenzo(a,h)anthracene	26.538	278	783153	8.538	ng	98
92) Benzo(g,h,i)perylene	27.297	276	743243	8.282	ng	98

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

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