Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032122\
Data File : BM034300.D
Acq On : 21 Mar 2022 22:31
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER-10ppm
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 22 04:11:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2021

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	204071	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	855663	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	583720	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1233803	20.000	ng	-0.01
76) Chrysene-d12	21.489	240	1271523	20.000	ng	-0.01
86) Perylene-d12	23.900	264	1217802	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	1474229	129.598	ng	0.00
7) Phenol-d6	7.101	99	2099050	128.879	ng	0.00
23) Nitrobenzene-d5	9.107	82	1458903	83.011	ng	0.00
42) 2,4,6-Tribromophenol	16.065	330	1069509	135.935	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	3482644	81.529	ng	0.00
79) Terphenyl-d14	19.942	244	5837401	79.771	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	46438	9.023	ng	99
3) Pyridine	3.766	79	115328	8.281	ng	96
4) n-Nitrosodimethylamine	3.666	42	60167	9.098	ng	94
6) Aniline	7.266	93	193892	10.417	ng	100
8) 2-Chlorophenol	7.501	128	125400	9.425	ng	97
9) Benzaldehyde	7.072	77	114089m	13.002	ng	
10) Phenol	7.125	94	151832	9.373	ng	95
11) bis(2-Chloroethyl)ether	7.360	93	127285	9.573	ng	99
12) 1,3-Dichlorobenzene	7.831	146	142593	9.448	ng	98
13) 1,4-Dichlorobenzene	7.978	146	146185	9.461	ng	99
14) 1,2-Dichlorobenzene	8.301	146	140651	9.338	ng	97
15) Benzyl Alcohol	8.178	79	116435	8.983	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.472	45	179894	9.859	ng	99
17) 2-Methylphenol	8.384	107	103191	9.096	ng	97
18) Hexachloroethane	9.031	117	53772	9.436	ng	97
19) n-Nitroso-di-n-propyla...	8.748	70	113195	9.608	ng	98
20) 3+4-Methylphenols	8.713	107	141218	9.001	ng	99
22) Acetophenone	8.766	105	205236	9.347	ng	96
24) Nitrobenzene	9.148	77	161520	9.844	ng	98
25) Isophorone	9.672	82	305450	10.386	ng	97
26) 2-Nitrophenol	9.866	139	63786	8.766	ng	99
27) 2,4-Dimethylphenol	9.925	122	113376	9.950	ng	97
28) bis(2-Chloroethoxy)met...	10.160	93	177360	9.420	ng	100
29) 2,4-Dichlorophenol	10.401	162	117316	8.862	ng	97
30) 1,2,4-Trichlorobenzene	10.619	180	137502	9.137	ng	99
31) Naphthalene	10.807	128	422960	9.488	ng	100
32) Benzoic acid	10.019	122	89035	9.450	ng	99
33) 4-Chloroaniline	10.913	127	162026	9.214	ng	99
34) Hexachlorobutadiene	11.101	225	84947	8.912	ng	95
35) Caprolactam	11.672	113	41654	9.051	ng	96
36) 4-Chloro-3-methylphenol	12.030	107	137885	9.089	ng	99
37) 2-Methylnaphthalene	12.413	142	307049	9.653	ng	99
38) 1-Methylnaphthalene	12.630	142	295073	9.483	ng	98
40) 1,2,4,5-Tetrachloroben...	12.783	216	162535	9.227	ng	99
41) Hexachlorocyclopentadiene	12.772	237	110789	10.862	ng	98
43) 2,4,6-Trichlorophenol	13.019	196	104345	8.580	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	111666	8.554	ng	98
46) 1,1'-Biphenyl	13.419	154	419806	9.432	ng	99
47) 2-Chloronaphthalene	13.460	162	310187	9.080	ng	97
48) 2-Nitroaniline	13.660	65	90885	8.702	ng	95
49) Acenaphthylene	14.301	152	522270	9.808	ng	99
50) Dimethylphthalate	14.036	163	417008	9.386	ng	100
51) 2,6-Dinitrotoluene	14.148	165	87702	9.624	ng	98
52) Acenaphthene	14.648	154	336118	9.371	ng	98
53) 3-Nitroaniline	14.477	138	79779	8.726	ng	98
54) 2,4-Dinitrophenol	14.683	184	49567	9.709	ng	98
55) Dibenzofuran	14.977	168	494530	9.252	ng	99
56) 4-Nitrophenol	14.777	139	86808	11.713	ng	96
57) 2,4-Dinitrotoluene	14.936	165	116589	9.465	ng	99
58) Fluorene	15.624	166	409285	9.432	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.201	232	102226	8.684	ng	98
60) Diethylphthalate	15.395	149	434078	9.523	ng	100
61) 4-Chlorophenyl-phenyle...	15.618	204	202211	9.128	ng	98
62) 4-Nitroaniline	15.630	138	72627m	8.258	ng	
63) Azobenzene	15.913	77	416730	9.481	ng	98
65) 4,6-Dinitro-2-methylph...	15.695	198	73764	9.194	ng	98
66) n-Nitrosodiphenylamine	15.830	169	354948	9.055	ng	98
67) 4-Bromophenyl-phenylether	16.513	248	124247	8.760	ng	99
68) Hexachlorobenzene	16.630	284	145047	9.169	ng	98
69) Atrazine	16.777	200	131239	10.158	ng	97
70) Pentachlorophenol	16.971	266	104941	10.373	ng	98
71) Phenanthrene	17.360	178	649194	9.396	ng	100
72) Anthracene	17.454	178	636917	9.470	ng	99
73) Carbazole	17.718	167	556006	8.865	ng	99
74) Di-n-butylphthalate	18.289	149	715102	9.171	ng	99
75) Fluoranthene	19.371	202	761371	9.829	ng	99
77) Benzidine	19.559	184	200408m	10.755	ng	
78) Pyrene	19.736	202	786745	8.782	ng	99
80) Butylbenzylphthalate	20.630	149	319957	8.445	ng	99
81) Benzo(a)anthracene	21.477	228	753249	9.386	ng	99
82) 3,3'-Dichlorobenzidine	21.406	252	256360	9.564	ng	98
83) Chrysene	21.530	228	742687	9.062	ng	99
84) Bis(2-ethylhexyl)phtha...	21.406	149	493716	8.825	ng	99
85) Di-n-octyl phthalate	22.330	149	805629	9.072	ng	99
87) Indeno(1,2,3-cd)pyrene	26.412	276	633342	8.085	ng	99
88) Benzo(b)fluoranthene	23.165	252	706313	9.699	ng	99
89) Benzo(k)fluoranthene	23.212	252	764591	9.912	ng	99
90) Benzo(a)pyrene	23.794	252	653555	10.587	ng	99
91) Dibenzo(a,h)anthracene	26.430	278	535218	8.426	ng	98
92) Benzo(g,h,i)perylene	27.182	276	568134	8.641	ng	99

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

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