Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011323\
Data File : BM038447.D
Acq On : 12 Jan 2023 21:39
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM011323

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 01:14:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 01:05:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	98163	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	391254	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	278551	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	674610	20.000	ng		0.00
76) Chrysene-d12	21.539	240	774648	20.000	ng		0.00
86) Perylene-d12	23.968	264	800635	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	460562	72.649	ng		0.00
7) Phenol-d6	7.157	99	636961	73.191	ng		0.00
23) Nitrobenzene-d5	9.169	82	780081	76.043	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	420534	93.004	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	1875400	79.241	ng		0.00
79) Terphenyl-d14	19.980	244	3374378	77.940	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	95563	32.212	ng		93
3) Pyridine	3.810	79	302643	34.089	ng		95
4) n-Nitrosodimethylamine	3.728	42	173882m	30.190	ng		
6) Aniline	7.322	93	401889	36.518	ng		94
8) 2-Chlorophenol	7.557	128	249885	38.285	ng		91
9) Benzaldehyde	7.134	77	202471	32.235	ng		94
10) Phenol	7.187	94	323205	35.718	ng		98
11) bis(2-Chloroethyl)ether	7.416	93	261744	35.690	ng		96
12) 1,3-Dichlorobenzene	7.881	146	266828	38.728	ng		96
13) 1,4-Dichlorobenzene	8.028	146	271620	38.808	ng		98
14) 1,2-Dichlorobenzene	8.345	146	270972	39.282	ng		97
15) Benzyl Alcohol	8.240	79	282115	37.612	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.528	45	382816	33.288	ng		98
17) 2-Methylphenol	8.440	107	240103	38.321	ng		96
18) Hexachloroethane	9.075	117	118838	40.123	ng		91
19) n-Nitroso-di-n-propyla...	8.810	70	268684	38.009	ng	#	96
20) 3+4-Methylphenols	8.775	107	343155	40.344	ng		98
22) Acetophenone	8.828	105	457575	37.849	ng	#	96
24) Nitrobenzene	9.210	77	395305	36.858	ng		97
25) Isophorone	9.739	82	707490	38.012	ng		97
26) 2-Nitrophenol	9.922	139	153480	41.554	ng		91
27) 2,4-Dimethylphenol	9.975	122	246472	39.195	ng		97
28) bis(2-Chloroethoxy)met...	10.216	93	382382	37.028	ng		99
29) 2,4-Dichlorophenol	10.451	162	281152	41.003	ng		97
30) 1,2,4-Trichlorobenzene	10.669	180	315505	41.069	ng		99
31) Naphthalene	10.857	128	828751	38.712	ng		100
32) Benzoic acid	10.145	122	202167	41.058	ng		91
33) 4-Chloroaniline	10.975	127	379557	40.380	ng		96
34) Hexachlorobutadiene	11.128	225	220351	42.387	ng		99
35) Caprolactam	11.786	113	84139	42.431	ng	#	84
36) 4-Chloro-3-methylphenol	12.092	107	309678	40.056	ng		97
37) 2-Methylnaphthalene	12.457	142	644360	40.248	ng		99
38) 1-Methylnaphthalene	12.680	142	609397	40.521	ng		99
40) 1,2,4,5-Tetrachloroben...	12.822	216	419718	40.626	ng		99
41) Hexachlorocyclopentadiene	12.798	237	248348	39.134	ng		99
43) 2,4,6-Trichlorophenol	13.069	196	278775	40.876	ng		100

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44) 2,4,5-Trichlorophenol	13.139	196	324905	40.325	ng	96
46) 1,1'-Biphenyl	13.463	154	875396	38.369	ng	98
47) 2-Chloronaphthalene	13.510	162	679640	38.678	ng	99
48) 2-Nitroaniline	13.722	65	253662	37.136	ng	92
49) Acenaphthylene	14.351	152	1086639	39.147	ng	100
50) Dimethylphthalate	14.092	163	927199	39.785	ng	100
51) 2,6-Dinitrotoluene	14.216	165	193438	40.704	ng	90
52) Acenaphthene	14.692	154	663898	39.058	ng	98
53) 3-Nitroaniline	14.545	138	197744	41.274	ng	93
54) 2,4-Dinitrophenol	14.751	184	136921	40.505	ng	91
55) Dibenzofuran	15.021	168	1128943	39.364	ng	97
56) 4-Nitrophenol	14.845	139	157539	41.922	ng	93
57) 2,4-Dinitrotoluene	14.998	165	276930	41.180	ng	87
58) Fluorene	15.668	166	1000772	40.620	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	294778	42.801	ng	96
60) Diethylphthalate	15.439	149	961233	39.109	ng	98
61) 4-Chlorophenyl-phenyle...	15.663	204	544466	41.462	ng	97
62) 4-Nitroaniline	15.710	138	210988	41.407	ng	95
63) Azobenzene	15.957	77	1004348	35.403	ng	95
65) 4,6-Dinitro-2-methylph...	15.763	198	192698	41.468	ng	87
66) n-Nitrosodiphenylamine	15.880	169	820851	39.157	ng	99
67) 4-Bromophenyl-phenylether	16.557	248	336485	42.364	ng	97
68) Hexachlorobenzene	16.668	284	364588	42.850	ng	96
69) Atrazine	16.827	200	303379	41.006	ng	98
70) Pentachlorophenol	17.015	266	279630	42.359	ng	99
71) Phenanthrene	17.410	178	1547956	39.889	ng	99
72) Anthracene	17.504	178	1603464	40.026	ng	100
73) Carbazole	17.774	167	1398984	40.269	ng	100
74) Di-n-butylphthalate	18.321	149	1761905	39.609	ng	99
75) Fluoranthene	19.421	202	1987289	41.079	ng	99
77) Benzidine	19.604	184	728579	43.512	ng	98
78) Pyrene	19.780	202	2111303	38.366	ng	100
80) Butylbenzylphthalate	20.668	149	826791	37.931	ng	89
81) Benzo(a)anthracene	21.527	228	2255691	39.978	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	754152	41.912	ng	99
83) Chrysene	21.580	228	2147981	39.975	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1251193	38.256	ng	98
85) Di-n-octyl phthalate	22.368	149	2077176	38.250	ng	95
87) Indeno(1,2,3-cd)pyrene	26.515	276	2361771	44.545	ng	98
88) Benzo(b)fluoranthene	23.227	252	2080744	39.697	ng	99
89) Benzo(k)fluoranthene	23.280	252	2158161	39.771	ng	99
90) Benzo(a)pyrene	23.862	252	2016702	40.345	ng	99
91) Dibenzo(a,h)anthracene	26.527	278	1993357	44.424	ng	99
92) Benzo(g,h,i)perylene	27.297	276	1842252	44.001	ng	98

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

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