Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
Data File : BF124693.D
Acq On : 22 Jul 2021 17:13
Operator : JU/CG
Sample : M3098-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F0604SMS

Manual Integrations APPROVED
mohammad
7/23/2021 11:51:22 AM

Quant Time: Jul 22 17:51:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	6188	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	23168	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	12763	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	20449	20.000	ng		0.00
76) Chrysene-d12	14.039	240	13007	20.000	ng	#	0.00
86) Perylene-d12	15.503	264	12818	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.486	112	32765	89.652	ng		0.00
7) Phenol-d6	6.492	99	37926	82.777	ng		0.00
23) Nitrobenzene-d5	7.433	82	21877	56.201	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	9436	86.108	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	36842	42.397	ng		0.00
79) Terphenyl-d14	12.980	244	28429	37.466	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	5328	41.706	ng	#	100
3) Pyridine	3.434	79	11388	37.656	ng		93
4) n-Nitrosodimethylamine	3.392	42	10759	44.987	ng		92
6) Aniline	6.533	93	21124	44.862	ng	#	96
8) 2-Chlorophenol	6.651	128	17847	43.296	ng		95
9) Benzaldehyde	6.422	77	10733	43.510	ng		95
10) Phenol	6.510	94	19873	45.294	ng		96
11) bis(2-Chloroethyl)ether	6.604	93	15700	45.130	ng		95
12) 1,3-Dichlorobenzene	6.810	146	19582	43.708	ng		98
13) 1,4-Dichlorobenzene	6.886	146	20585	45.928	ng		94
14) 1,2-Dichlorobenzene	7.039	146	19332	44.641	ng		95
15) Benzyl Alcohol	7.010	79	13503	44.817	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.145	45	26703	45.605	ng		99
17) 2-Methylphenol	7.122	107	13803	45.964	ng		97
18) Hexachloroethane	7.386	117	8019	47.203	ng		90
19) n-Nitroso-di-n-propyla...	7.286	70	11819	48.308	ng		93
20) 3+4-Methylphenols	7.275	107	18097	45.611	ng		90
22) Acetophenone	7.280	105	25473	47.446	ng	#	97
24) Nitrobenzene	7.451	77	16856	44.168	ng		98
25) Isophorone	7.692	82	29947	43.509	ng		96
26) 2-Nitrophenol	7.769	139	10164	48.085	ng		95
27) 2,4-Dimethylphenol	7.804	122	15872	48.799	ng		93
28) bis(2-Chloroethoxy)met...	7.904	93	19891	49.729	ng		99
29) 2,4-Dichlorophenol	8.010	162	15768	45.775	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	17185	45.519	ng		96
31) Naphthalene	8.175	128	54708	45.248	ng		98
32) Benzoic acid	7.922	122	10726	42.606	ng		97
33) 4-Chloroaniline	8.222	127	14393	31.657	ng		99
34) Hexachlorobutadiene	8.292	225	9975	44.200	ng		99
35) Caprolactam	8.592	113	4116m	45.974	ng		
36) 4-Chloro-3-methylphenol	8.698	107	15369	46.777	ng		95
37) 2-Methylnaphthalene	8.869	142	35955	44.507	ng		98
38) 1-Methylnaphthalene	8.969	142	33558	43.849	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	16141	45.326	ng	#	98
41) Hexachlorocyclopentadiene	9.022	237	24212	114.920	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	11161	44.150	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	11827	45.564	ng		95
46) 1,1'-Biphenyl	9.333	154	42201	44.297	ng		95
47) 2-Chloronaphthalene	9.357	162	33462	44.369	ng		96
48) 2-Nitroaniline	9.451	65	8945	45.296	ng		98
49) Acenaphthylene	9.774	152	53883	46.329	ng		98
50) Dimethylphthalate	9.633	163	40126	45.659	ng		97
51) 2,6-Dinitrotoluene	9.692	165	8774	45.192	ng	#	88
52) Acenaphthene	9.945	154	38101	49.418	ng		98
53) 3-Nitroaniline	9.863	138	6608	32.351	ng		91
54) 2,4-Dinitrophenol	9.969	184	9472	84.369	ng		89
55) Dibenzofuran	10.121	168	49576	44.999	ng		96
56) 4-Nitrophenol	10.021	139	14701	91.141	ng		96
57) 2,4-Dinitrotoluene	10.098	165	11439	43.417	ng	#	89
58) Fluorene	10.463	166	38304	45.321	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.233	232	9183	44.796	ng	#	94
60) Diethylphthalate	10.333	149	41628	45.552	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	18037	44.147	ng		94
62) 4-Nitroaniline	10.480	138	8791	43.496	ng		87
63) Azobenzene	10.616	77	35781	44.257	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	5623	42.460	ng		89
66) n-Nitrosodiphenylamine	10.574	169	32105	48.448	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	10789	49.748	ng		97
68) Hexachlorobenzene	11.004	284	11183	49.650	ng		98
69) Atrazine	11.098	200	10463	51.932	ng		96
70) Pentachlorophenol	11.198	266	12779	91.241	ng		94
71) Phenanthrene	11.421	178	55522	50.482	ng		99
72) Anthracene	11.474	178	54577	49.637	ng		99
73) Carbazole	11.627	167	45338	43.990	ng		98
74) Di-n-butylphthalate	11.957	149	67767	49.364	ng		99
75) Fluoranthene	12.610	202	50902	45.353	ng		98
77) Benzidine	12.733	184	31354	85.483	ng		98
78) Pyrene	12.839	202	50073	48.627	ng		97
80) Butylbenzylphthalate	13.457	149	24045	48.753	ng		95
81) Benzo(a)anthracene	14.027	228	38590	45.388	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	10226	43.338	ng		97
83) Chrysene	14.062	228	37019	45.194	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	40484	55.727	ng		99
85) Di-n-octyl phthalate	14.627	149	63399	53.780	ng		100
87) Indeno(1,2,3-cd)pyrene	16.986	276	45349	61.281	ng		97
88) Benzo(b)fluoranthene	15.074	252	39546	43.819	ng		98
89) Benzo(k)fluoranthene	15.109	252	34501	41.839	ng		99
90) Benzo(a)pyrene	15.445	252	36043	47.809	ng		98
91) Dibenzo(a,h)anthracene	17.003	278	38184	58.941	ng		99
92) Benzo(g,h,i)perylene	17.439	276	37639	61.269	ng		92

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

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