Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124722.D
Acq On : 23 Jul 2021 20:12
Operator : JU/CG
Sample : M3114-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

Manual Integrations APPROVED
mohammad
7/27/2021 12:04:13 PM

Quant Time: Jul 23 23:29:44 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	7662	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	30322	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	16212	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	26948	20.000	ng		0.00
76) Chrysene-d12	14.033	240	14412	20.000	ng		0.00
86) Perylene-d12	15.503	264	14018	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	32248	71.262	ng		0.00
7) Phenol-d6	6.492	99	23836	42.016	ng		0.00
23) Nitrobenzene-d5	7.439	82	50569	99.260	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	18854	135.450	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	104668	94.825	ng		0.00
79) Terphenyl-d14	12.980	244	90594	107.752	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	3690	23.328	ng	#	100
3) Pyridine	3.457	79	6509	17.383	ng	#	88
4) n-Nitrosodimethylamine	3.398	42	7422	25.063	ng		95
6) Aniline	6.533	93	20823	35.715	ng		93
8) 2-Chlorophenol	6.651	128	21220	41.575	ng		93
9) Benzaldehyde	6.422	77	15441	50.553	ng		94
10) Phenol	6.504	94	9086	16.725	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	22592	52.448	ng		94
12) 1,3-Dichlorobenzene	6.810	146	25557	46.071	ng		96
13) 1,4-Dichlorobenzene	6.886	146	26809	48.307	ng		98
14) 1,2-Dichlorobenzene	7.039	146	24629	45.932	ng		95
15) Benzyl Alcohol	7.010	79	13292	35.629	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	37947	52.341	ng		98
17) 2-Methylphenol	7.122	107	13478	36.247	ng		99
18) Hexachloroethane	7.386	117	10163	48.315	ng	#	85
19) n-Nitroso-di-n-propyla...	7.292	70	16773	55.368	ng		93
20) 3+4-Methylphenols	7.275	107	15625	31.805	ng	#	82
22) Acetophenone	7.281	105	37038	52.710	ng	#	95
24) Nitrobenzene	7.457	77	23837	47.724	ng		98
25) Isophorone	7.698	82	43326	48.095	ng		96
26) 2-Nitrophenol	7.769	139	13360	48.293	ng	#	91
27) 2,4-Dimethylphenol	7.804	122	22128	51.982	ng		90
28) bis(2-Chloroethoxy)met...	7.904	93	28876	55.160	ng		98
29) 2,4-Dichlorophenol	8.010	162	20372	45.188	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	23235	47.023	ng		95
31) Naphthalene	8.180	128	73796	46.635	ng		97
32) Benzoic acid	7.898	122	6068	18.417	ng		91
33) 4-Chloroaniline	8.222	127	17772	29.867	ng	#	92
34) Hexachlorobutadiene	8.292	225	13314	45.077	ng		97
35) Caprolactam	8.616	113	703m	6.000	ng		
36) 4-Chloro-3-methylphenol	8.698	107	18599	43.252	ng		93
37) 2-Methylnaphthalene	8.869	142	50862	48.105	ng		100
38) 1-Methylnaphthalene	8.969	142	47310	47.233	ng		94
40) 1,2,4,5-Tetrachloroben...	9.033	216	22609	49.982	ng		96
41) Hexachlorocyclopentadiene	9.022	237	25210	94.201	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	15700	48.893	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	16145	48.967	ng		97
46) 1,1'-Biphenyl	9.333	154	59077	48.818	ng		98
47) 2-Chloronaphthalene	9.357	162	47122	49.189	ng		99
48) 2-Nitroaniline	9.457	65	13046	52.009	ng		90
49) Acenaphthylene	9.774	152	72963	49.388	ng		99
50) Dimethylphthalate	9.639	163	56803	50.885	ng		97
51) 2,6-Dinitrotoluene	9.698	165	11825	47.949	ng		97
52) Acenaphthene	9.951	154	54042m	55.182	ng		
53) 3-Nitroaniline	9.869	138	8261	31.840	ng		92
54) 2,4-Dinitrophenol	9.974	184	14418	101.103	ng	#	84
55) Dibenzofuran	10.121	168	68475	48.930	ng		96
56) 4-Nitrophenol	10.016	139	8280	40.412	ng		94
57) 2,4-Dinitrotoluene	10.104	165	16141	48.230	ng	#	84
58) Fluorene	10.463	166	52268	48.687	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	12792	49.126	ng	#	94
60) Diethylphthalate	10.339	149	57736	49.738	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	24539	47.283	ng		96
62) 4-Nitroaniline	10.486	138	11314	44.070	ng		90
63) Azobenzene	10.616	77	49345	48.049	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	8404	48.155	ng		86
66) n-Nitrosodiphenylamine	10.574	169	44544	51.008	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	14755	51.627	ng		90
68) Hexachlorobenzene	11.010	284	15353	51.725	ng	#	89
69) Atrazine	11.104	200	12309	46.360	ng		94
70) Pentachlorophenol	11.204	266	18974	102.801	ng		92
71) Phenanthrene	11.427	178	70716	48.790	ng		97
72) Anthracene	11.480	178	70929	48.951	ng		98
73) Carbazole	11.627	167	61164	45.033	ng		98
74) Di-n-butylphthalate	11.963	149	86753	47.954	ng		99
75) Fluoranthene	12.621	202	64408	43.547	ng		98
77) Benzidine	12.727	184	17250	42.445	ng		98
78) Pyrene	12.839	202	62288	54.593	ng		98
80) Butylbenzylphthalate	13.457	149	28776	52.658	ng		98
81) Benzo(a)anthracene	14.027	228	46990	49.880	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	12060	46.128	ng		93
83) Chrysene	14.062	228	45059	49.646	ng		100
84) Bis(2-ethylhexyl)phtha...	14.009	149	42636	52.968	ng		99
85) Di-n-octyl phthalate	14.627	149	66767	51.115	ng		99
87) Indeno(1,2,3-cd)pyrene	16.980	276	46780	57.803	ng		95
88) Benzo(b)fluoranthene	15.074	252	47298	47.922	ng		98
89) Benzo(k)fluoranthene	15.109	252	39843	44.181	ng		95
90) Benzo(a)pyrene	15.445	252	41539	50.382	ng		98
91) Dibenzo(a,h)anthracene	17.003	278	40487	57.146	ng		99
92) Benzo(g,h,i)perylene	17.439	276	39884	59.365	ng		94

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

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