Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
Data File : BF125107.D
Acq On : 19 Aug 2021 11:07
Operator : JU/CG
Sample : PB138535BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138535BS

Manual Integrations APPROVED
mohammad
8/20/2021 2:23:46 PM

Quant Time: Aug 19 12:27:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	168527	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	644387	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	327347	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	564242	20.000	ng		0.00
76) Chrysene-d12	14.086	240	369086	20.000	ng		0.00
86) Perylene-d12	15.580	264	327109	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	889815	79.917	ng		0.00
7) Phenol-d6	6.540	99	1077213	74.806	ng		0.00
23) Nitrobenzene-d5	7.487	82	1066757	83.343	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	281209	86.059	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1783588	75.939	ng		0.00
79) Terphenyl-d14	13.033	244	1916147	82.707	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	191340	34.826	ng	#	100
3) Pyridine	3.557	79	450508	31.061	ng	#	89
4) n-Nitrosodimethylamine	3.516	42	301557	41.550	ng	#	46
6) Aniline	6.581	93	706477	41.767	ng	#	93
8) 2-Chlorophenol	6.704	128	472959	41.640	ng		82
9) Benzaldehyde	6.469	77	349958	34.629	ng		91
10) Phenol	6.551	94	602122	39.928	ng		96
11) bis(2-Chloroethyl)ether	6.657	93	506478	42.645	ng		90
12) 1,3-Dichlorobenzene	6.863	146	520322	39.532	ng		97
13) 1,4-Dichlorobenzene	6.940	146	536380	40.899	ng		98
14) 1,2-Dichlorobenzene	7.092	146	487604	39.519	ng		99
15) Benzyl Alcohol	7.057	79	463268	41.784	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1017235	42.708	ng		99
17) 2-Methylphenol	7.163	107	400011	41.924	ng		95
18) Hexachloroethane	7.434	117	193092	42.045	ng	#	91
19) n-Nitroso-di-n-propyla...	7.334	70	352776	40.730	ng	#	81
20) 3+4-Methylphenols	7.316	107	471626	39.377	ng		92
22) Acetophenone	7.328	105	663648	40.017	ng		94
24) Nitrobenzene	7.504	77	556620	39.910	ng		90
25) Isophorone	7.739	82	977256	39.578	ng	#	89
26) 2-Nitrophenol	7.816	139	245389	44.063	ng	#	80
27) 2,4-Dimethylphenol	7.851	122	434403	44.556	ng		93
28) bis(2-Chloroethoxy)met...	7.951	93	595986	43.593	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	401631	40.393	ng		96
30) 1,2,4-Trichlorobenzene	8.145	180	432600	39.899	ng		93
31) Naphthalene	8.228	128	1271631	38.533	ng		99
32) Benzoic acid	7.963	122	295477	44.652	ng		88
33) 4-Chloroaniline	8.269	127	445260	34.225	ng	#	90
34) Hexachlorobutadiene	8.339	225	274306	39.677	ng		99
35) Caprolactam	8.639	113	124848m	48.478	ng		
36) 4-Chloro-3-methylphenol	8.745	107	427699	42.136	ng		89
37) 2-Methylnaphthalene	8.916	142	878842	40.300	ng		99
38) 1-Methylnaphthalene	9.016	142	815387	40.040	ng		95
40) 1,2,4,5-Tetrachloroben...	9.081	216	411126	38.441	ng		98
41) Hexachlorocyclopentadiene	9.069	237	514739	91.607	ng		96
43) 2,4,6-Trichlorophenol	9.192	196	300034	39.842	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	324678	40.981	ng		92
46) 1,1'-Biphenyl	9.381	154	1002365	37.981	ng		98
47) 2-Chloronaphthalene	9.404	162	827690	38.594	ng		98
48) 2-Nitroaniline	9.498	65	299040	44.982	ng	#	81
49) Acenaphthylene	9.822	152	1247834	39.929	ng		98
50) Dimethylphthalate	9.681	163	942848	41.563	ng	#	97
51) 2,6-Dinitrotoluene	9.739	165	210627	42.820	ng	#	80
52) Acenaphthene	9.992	154	822563	42.458	ng		98
53) 3-Nitroaniline	9.910	138	189589	35.741	ng	#	78
54) 2,4-Dinitrophenol	10.016	184	194683	100.199	ng	#	78
55) Dibenzofuran	10.169	168	1068850	38.335	ng		99
56) 4-Nitrophenol	10.063	139	356925	84.969	ng	#	76
57) 2,4-Dinitrotoluene	10.145	165	272291	45.738	ng	#	96
58) Fluorene	10.510	166	804327	39.020	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.281	232	241832	41.132	ng	#	87
60) Diethylphthalate	10.381	149	933019	42.189	ng		99
61) 4-Chlorophenyl-phenyle...	10.498	204	412516	39.581	ng		90
62) 4-Nitroaniline	10.528	138	216571	45.402	ng	#	82
63) Azobenzene	10.663	77	974194	39.273	ng		93
65) 4,6-Dinitro-2-methylph...	10.551	198	125133	41.902	ng		82
66) n-Nitrosodiphenylamine	10.622	169	788688	39.037	ng		96
67) 4-Bromophenyl-phenylether	10.992	248	274980	40.584	ng		93
68) Hexachlorobenzene	11.057	284	289312	41.507	ng	#	85
69) Atrazine	11.145	200	260336	44.905	ng		92
70) Pentachlorophenol	11.245	266	327506	80.470	ng		93
71) Phenanthrene	11.475	178	1217647	39.165	ng		97
72) Anthracene	11.527	178	1255872	40.982	ng		98
73) Carbazole	11.675	167	1107012	39.531	ng		100
74) Di-n-butylphthalate	12.004	149	1422700	42.812	ng		99
75) Fluoranthene	12.663	202	1251672	40.574	ng		98
77) Benzidine	12.780	184	853736	66.231	ng		96
78) Pyrene	12.892	202	1278323	40.376	ng		95
80) Butylbenzylphthalate	13.504	149	552521	44.413	ng		86
81) Benzo(a)anthracene	14.080	228	1037608	39.018	ng		100
82) 3,3'-Dichlorobenzidine	14.039	252	336709	40.846	ng		99
83) Chrysene	14.116	228	1044344	39.710	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	729069	42.640	ng		98
85) Di-n-octyl phthalate	14.680	149	1227482	43.164	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	1055765	44.801	ng	#	92
88) Benzo(b)fluoranthene	15.145	252	1009133	42.227	ng	#	95
89) Benzo(k)fluoranthene	15.174	252	948322	42.525	ng		99
90) Benzo(a)pyrene	15.521	252	949069	44.959	ng	#	95
91) Dibenzo(a,h)anthracene	17.115	278	885702	43.480	ng		96
92) Benzo(g,h,i)perylene	17.562	276	904153	46.034	ng	#	89

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

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