Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
Data File : BF124929.D
Acq On : 3 Aug 2021 22:39
Operator : JU/CG
Sample : M3241-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPLP-AMENDED-COM-6MSD

Manual Integrations APPROVED
mohammad
8/4/2021 3:45:31 PM

Quant Time: Aug 04 05:47:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:15:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	6624	20.000	ng		-0.01
21) Naphthalene-d8	8.128	136	25025	20.000	ng		#-0.01
39) Acenaphthene-d10	9.886	164	13370	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	22186	20.000	ng		0.00
76) Chrysene-d12	14.010	240	14271	20.000	ng		#-0.01
86) Perylene-d12	15.474	264	12262	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	24397	62.361	ng		-0.01
7) Phenol-d6	6.475	99	18553	37.828	ng		-0.01
23) Nitrobenzene-d5	7.416	82	40515	96.358	ng		-0.01
42) 2,4,6-Tribromophenol	10.680	330	15228	132.655	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	82632	90.775	ng		-0.01
79) Terphenyl-d14	12.957	244	82848	99.512	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	3261	23.846	ng	#	100
3) Pyridine	3.399	79	5205	16.078	ng		87
4) n-Nitrosodimethylamine	3.340	42	5713	22.315	ng		91
6) Aniline	6.510	93	17641	34.999	ng		97
8) 2-Chlorophenol	6.628	128	17589	39.861	ng		90
9) Benzaldehyde	6.398	77	11077	41.949	ng		94
10) Phenol	6.487	94	8693	18.509	ng		98
11) bis(2-Chloroethyl)ether	6.581	93	20387	54.745	ng		98
12) 1,3-Dichlorobenzene	6.787	146	21982	45.836	ng		97
13) 1,4-Dichlorobenzene	6.863	146	22696m	47.304	ng		
14) 1,2-Dichlorobenzene	7.016	146	21583	46.558	ng		93
15) Benzyl Alcohol	6.992	79	11616	36.016	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	32555	51.940	ng		95
17) 2-Methylphenol	7.104	107	10993	34.197	ng	#	89
18) Hexachloroethane	7.357	117	9403	51.706	ng		89
19) n-Nitroso-di-n-propyla...	7.263	70	14637	55.889	ng	#	90
20) 3+4-Methylphenols	7.251	107	13272	31.249	ng	#	63
22) Acetophenone	7.257	105	32081	55.320	ng	#	93
24) Nitrobenzene	7.434	77	21624	52.457	ng		99
25) Isophorone	7.669	82	39395	52.988	ng		93
26) 2-Nitrophenol	7.745	139	11156	48.862	ng	#	82
27) 2,4-Dimethylphenol	7.781	122	16618	47.302	ng		92
28) bis(2-Chloroethoxy)met...	7.881	93	25792	59.698	ng		96
29) 2,4-Dichlorophenol	7.987	162	16233	43.628	ng		94
30) 1,2,4-Trichlorobenzene	8.069	180	19447	47.688	ng		99
31) Naphthalene	8.151	128	63279	48.454	ng		98
32) Benzoic acid	7.887	122	3287	12.088	ng		89
33) 4-Chloroaniline	8.198	127	15167	30.884	ng	#	92
34) Hexachlorobutadiene	8.269	225	11653	47.804	ng		93
35) Caprolactam	8.616	113	293m	3.030	ng		
36) 4-Chloro-3-methylphenol	8.675	107	16670	46.972	ng		90
37) 2-Methylnaphthalene	8.845	142	43362	49.693	ng		98
38) 1-Methylnaphthalene	8.945	142	38849	46.995	ng		97
40) 1,2,4,5-Tetrachloroben...	9.010	216	19715	52.849	ng		98
41) Hexachlorocyclopentadiene	8.998	237	15715	71.204	ng		95
43) 2,4,6-Trichlorophenol	9.122	196	12565	47.448	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	13027	47.909	ng		95
46) 1,1'-Biphenyl	9.310	154	49936	50.036	ng		98
47) 2-Chloronaphthalene	9.334	162	41043	51.950	ng		99
48) 2-Nitroaniline	9.428	65	11767	56.881	ng		88
49) Acenaphthylene	9.751	152	61453	50.439	ng		99
50) Dimethylphthalate	9.610	163	48067	52.212	ng		97
51) 2,6-Dinitrotoluene	9.675	165	10121	49.763	ng		97
52) Acenaphthene	9.922	154	36360	45.019	ng		96
53) 3-Nitroaniline	9.839	138	6364	29.742	ng	#	63
54) 2,4-Dinitrophenol	9.951	184	9063	77.061	ng		91
55) Dibenzofuran	10.092	168	57399	49.734	ng		99
56) 4-Nitrophenol	9.998	139	5099	30.177	ng		88
57) 2,4-Dinitrotoluene	10.081	165	14266	51.688	ng	#	88
58) Fluorene	10.433	166	44618	50.395	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	9810	45.682	ng	#	94
60) Diethylphthalate	10.310	149	49269	51.466	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	21998	51.397	ng		92
62) 4-Nitroaniline	10.457	138	9281	43.836	ng		92
63) Azobenzene	10.586	77	45063	53.207	ng		94
65) 4,6-Dinitro-2-methylph...	10.486	198	6345	44.161	ng		96
66) n-Nitrosodiphenylamine	10.545	169	37668	52.392	ng		96
67) 4-Bromophenyl-phenylether	10.916	248	12810	54.442	ng		93
68) Hexachlorobenzene	10.980	284	14005	57.311	ng		98
69) Atrazine	11.075	200	11125	50.894	ng		95
70) Pentachlorophenol	11.180	266	13602	89.513	ng		90
71) Phenanthrene	11.398	178	62228	52.149	ng		97
72) Anthracene	11.451	178	64363	53.954	ng		99
73) Carbazole	11.604	167	52750	47.174	ng		99
74) Di-n-butylphthalate	11.933	149	78433	52.661	ng		98
75) Fluoranthene	12.592	202	61482	50.491	ng		98
77) Benzidine	12.704	184	18027	44.796	ng		96
78) Pyrene	12.816	202	59886	53.006	ng		97
80) Butylbenzylphthalate	13.427	149	27779	51.335	ng		91
81) Benzo(a)anthracene	14.004	228	46418	49.759	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	13062	50.454	ng		100
83) Chrysene	14.039	228	44779	49.825	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	41424	51.971	ng	#	100
85) Di-n-octyl phthalate	14.598	149	62177	48.072	ng		100
87) Indeno(1,2,3-cd)pyrene	16.951	276	46662	65.914	ng		94
88) Benzo(b)fluoranthene	15.051	252	42616	49.362	ng		97
89) Benzo(k)fluoranthene	15.080	252	39528	50.109	ng		98
90) Benzo(a)pyrene	15.415	252	39738	55.100	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	39618	63.928	ng	#	96
92) Benzo(g,h,i)perylene	17.398	276	39143	66.606	ng	#	91

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

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