Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
Data File : BF126170.D
Acq On : 13 Nov 2021 15:54
Operator : JU/CG
Sample : PB140723BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 15 09:58:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 08:09:33 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB140723BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	103449	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	386472	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	239258	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	441086	20.000	ng		# 0.00
76) Chrysene-d12	13.998	240	243341	20.000	ng		# 0.00
86) Perylene-d12	15.462	264	225312	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	731886	121.495	ng		0.01
7) Phenol-d6	6.469	99	927427	109.213	ng		0.00
23) Nitrobenzene-d5	7.398	82	670412	81.809	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	385696	140.667	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1371463	77.462	ng		0.00
79) Terphenyl-d14	12.945	244	1480089	98.081	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	71457	28.528	ng	#	100
3) Pyridine	3.399	79	155047	23.003	ng	#	90
4) n-Nitrosodimethylamine	3.346	42	174990	37.022	ng	#	96
6) Aniline	6.492	93	336751	35.963	ng	#	83
8) 2-Chlorophenol	6.616	128	273297	42.457	ng		83
9) Benzaldehyde	6.381	77	172386	33.193	ng		91
10) Phenol	6.481	94	362655	41.766	ng	#	66
11) bis(2-Chloroethyl)ether	6.569	93	249445	39.441	ng		94
12) 1,3-Dichlorobenzene	6.775	146	295187m	40.265	ng		
13) 1,4-Dichlorobenzene	6.851	146	302805	40.506	ng		97
14) 1,2-Dichlorobenzene	7.004	146	288099	40.002	ng		97
15) Benzyl Alcohol	6.975	79	289881	39.972	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.110	45	381274	32.786	ng		90
17) 2-Methylphenol	7.092	107	232615	42.462	ng	#	90
18) Hexachloroethane	7.345	117	120209	42.801	ng	#	83
19) n-Nitroso-di-n-propyla...	7.251	70	227305	40.603	ng	#	83
20) 3+4-Methylphenols	7.245	107	311337	42.037	ng	#	69
22) Acetophenone	7.245	105	442374	39.632	ng	#	82
24) Nitrobenzene	7.416	77	337834	41.623	ng	#	84
25) Isophorone	7.663	82	559824	37.943	ng	#	89
26) 2-Nitrophenol	7.734	139	144121	49.980	ng	#	65
27) 2,4-Dimethylphenol	7.775	122	237872	44.220	ng	#	78
28) bis(2-Chloroethoxy)met...	7.869	93	318117	36.563	ng	#	97
29) 2,4-Dichlorophenol	7.975	162	260285	42.866	ng		96
30) 1,2,4-Trichlorobenzene	8.057	180	299296	40.425	ng		96
31) Naphthalene	8.139	128	809809	40.455	ng		98
32) Benzoic acid	7.910	122	138417	42.723	ng	#	70
33) 4-Chloroaniline	8.186	127	239307	29.912	ng	#	89
34) Hexachlorobutadiene	8.257	225	212191	41.634	ng		98
35) Caprolactam	8.563	113	68276m	40.379	ng		
36) 4-Chloro-3-methylphenol	8.675	107	291265	41.598	ng		88
37) 2-Methylnaphthalene	8.833	142	585756	42.368	ng		100
38) 1-Methylnaphthalene	8.933	142	546093	40.779	ng		97
40) 1,2,4,5-Tetrachloroben...	8.998	216	340237	42.433	ng		97
41) Hexachlorocyclopentadiene	8.986	237	421883	101.266	ng		97
43) 2,4,6-Trichlorophenol	9.110	196	210839	43.423	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	228483	43.558	ng	#	95
46) 1,1'-Biphenyl	9.298	154	720470	38.959	ng		99
47) 2-Chloronaphthalene	9.322	162	589634	40.508	ng		99
48) 2-Nitroaniline	9.416	65	196196	41.612	ng	#	78
49) Acenaphthylene	9.739	152	893343	40.583	ng		98
50) Dimethylphthalate	9.604	163	703160	40.368	ng	#	98
51) 2,6-Dinitrotoluene	9.663	165	149788	50.168	ng		87
52) Acenaphthene	9.910	154	550172	39.625	ng		96
53) 3-Nitroaniline	9.828	138	111030	36.275	ng	#	68
54) 2,4-Dinitrophenol	9.939	184	160902	94.401	ng		93
55) Dibenzofuran	10.080	168	824049	39.426	ng		97
56) 4-Nitrophenol	9.998	139	214018	88.596	ng	#	59
57) 2,4-Dinitrotoluene	10.063	165	205715	47.841	ng	#	86
58) Fluorene	10.422	166	684151	40.772	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	198211	44.624	ng	#	86
60) Diethylphthalate	10.298	149	697768	39.945	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	375703	41.866	ng		88
62) 4-Nitroaniline	10.445	138	138438	43.365	ng	#	80
63) Azobenzene	10.575	77	671642	35.410	ng		93
65) 4,6-Dinitro-2-methylph...	10.475	198	107502	50.165	ng		88
66) n-Nitrosodiphenylamine	10.533	169	580528	41.329	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	228421	42.755	ng		96
68) Hexachlorobenzene	10.975	284	258079	46.242	ng	#	83
69) Atrazine	11.063	200	222989	44.881	ng		92
70) Pentachlorophenol	11.169	266	277888	92.403	ng		94
71) Phenanthrene	11.386	178	970450	40.570	ng		97
72) Anthracene	11.439	178	1007663	42.194	ng		100
73) Carbazole	11.592	167	829045	37.430	ng		99
74) Di-n-butylphthalate	11.922	149	1018201	39.452	ng	#	98
75) Fluoranthene	12.574	202	1017002	38.180	ng		95
77) Benzidine	12.692	184	324728	39.919	ng		97
78) Pyrene	12.804	202	986293	50.541	ng		97
80) Butylbenzylphthalate	13.421	149	306182	43.074	ng	#	93
81) Benzo(a)anthracene	13.992	228	684933	40.972	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	185876	38.103	ng	#	98
83) Chrysene	14.027	228	635766	40.873	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	353781	35.910	ng		99
85) Di-n-octyl phthalate	14.598	149	511165	36.519	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	743843	55.776	ng	#	82
88) Benzo(b)fluoranthene	15.039	252	595777	40.652	ng	#	94
89) Benzo(k)fluoranthene	15.068	252	569160	40.035	ng	#	97
90) Benzo(a)pyrene	15.404	252	577757	50.039	ng	#	93
91) Dibenzo(a,h)anthracene	16.945	278	636523	58.112	ng	#	88
92) Benzo(g,h,i)perylene	17.368	276	622345	59.243	ng	#	81

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

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