Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
Data File : BF126745.D
Acq On : 31 Jan 2022 12:32
Operator : CG/JU
Sample : PB142340BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 01 02:39:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB142340BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	168818	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	676335	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	371566	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	623604	20.000	ng		0.00
76) Chrysene-d12	14.151	240	443010	20.000	ng	#	0.00
86) Perylene-d12	15.674	264	312438	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1316723	102.636	ng		0.02
7) Phenol-d6	6.581	99	1791115	100.486	ng		0.00
23) Nitrobenzene-d5	7.528	82	1256925	72.741	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	382802	110.087	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1546310	63.735	ng		0.00
79) Terphenyl-d14	13.086	244	1810280	68.538	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	207427	32.806	ng	#	87
3) Pyridine	3.640	79	474562	26.793	ng	#	82
4) n-Nitrosodimethylamine	3.610	42	213612	34.085	ng	#	66
6) Aniline	6.622	93	621606m	27.830	ng		
8) 2-Chlorophenol	6.745	128	485278	41.241	ng		98
9) Benzaldehyde	6.510	77	13520	Below Cal			90
10) Phenol	6.598	94	759648	40.070	ng		98
11) bis(2-Chloroethyl)ether	6.693	93	612988	39.845	ng		95
12) 1,3-Dichlorobenzene	6.898	146	493597	37.786	ng	#	92
13) 1,4-Dichlorobenzene	6.975	146	500797	37.964	ng		95
14) 1,2-Dichlorobenzene	7.128	146	485129	39.009	ng		97
15) Benzyl Alcohol	7.098	79	534943	33.663	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.228	45	690853	39.361	ng		84
17) 2-Methylphenol	7.204	107	456954	39.499	ng		94
18) Hexachloroethane	7.475	117	200033	37.555	ng	#	87
19) n-Nitroso-di-n-propyla...	7.369	70	443309	34.077	ng	#	85
20) 3+4-Methylphenols	7.357	107	552258	36.816	ng	#	87
22) Acetophenone	7.369	105	749962	35.982	ng	#	88
24) Nitrobenzene	7.545	77	700310	39.259	ng		90
25) Isophorone	7.781	82	1215756	36.280	ng		95
26) 2-Nitrophenol	7.857	139	237748	51.093	ng	#	75
27) 2,4-Dimethylphenol	7.887	122	466553	42.250	ng		87
28) bis(2-Chloroethoxy)met...	7.987	93	746849	35.734	ng	#	97
29) 2,4-Dichlorophenol	8.098	162	400112	38.197	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	409196	36.427	ng		98
31) Naphthalene	8.269	128	1357530	37.155	ng		99
32) Benzoic acid	8.010	122	335292	53.526	ng	#	73
33) 4-Chloroaniline	8.310	127	204080	13.980	ng	#	93
34) Hexachlorobutadiene	8.375	225	243971	34.144	ng		97
35) Caprolactam	8.687	113	154404m	41.277	ng		
36) 4-Chloro-3-methylphenol	8.792	107	510089	37.238	ng		90
37) 2-Methylnaphthalene	8.957	142	863561	38.004	ng		97
38) 1-Methylnaphthalene	9.057	142	802937	36.457	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	403090	38.678	ng		97
41) Hexachlorocyclopentadiene	9.110	237	494629	77.952	ng		95
43) 2,4,6-Trichlorophenol	9.234	196	275963	37.144	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.275	196	300049	38.995	ng		94
46)	1,1'-Biphenyl	9.422	154	1044167	37.301	ng		95
47)	2-Chloronaphthalene	9.451	162	806742	36.682	ng		99
48)	2-Nitroaniline	9.545	65	347256	45.730	ng		94
49)	Acenaphthylene	9.869	152	1281060	37.133	ng		98
50)	Dimethylphthalate	9.722	163	963031	36.543	ng		98
51)	2,6-Dinitrotoluene	9.786	165	210631	46.253	ng		87
52)	Acenaphthene	10.039	154	877805m	41.619	ng		
53)	3-Nitroaniline	9.957	138	156582	30.074	ng		85
54)	2,4-Dinitrophenol	10.063	184	226535	95.168	ng		96
55)	Dibenzofuran	10.216	168	1126898	35.554	ng		98
56)	4-Nitrophenol	10.116	139	356915	86.087	ng	#	79
57)	2,4-Dinitrotoluene	10.192	165	287951	52.181	ng		98
58)	Fluorene	10.557	166	870793	36.388	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.328	232	253667	40.323	ng	#	82
60)	Diethylphthalate	10.422	149	919493	35.100	ng		98
61)	4-Chlorophenyl-phenyle...	10.545	204	422257	35.331	ng		88
62)	4-Nitroaniline	10.575	138	228263	45.173	ng		82
63)	Azobenzene	10.704	77	1302120	33.587	ng		91
65)	4,6-Dinitro-2-methylph...	10.598	198	148732	49.627	ng		93
66)	n-Nitrosodiphenylamine	10.663	169	770235	36.590	ng		100
67)	4-Bromophenyl-phenylether	11.039	248	269658	37.520	ng		94
68)	Hexachlorobenzene	11.104	284	302060	39.392	ng	#	88
69)	Atrazine	11.192	200	243738	36.255	ng		93
70)	Pentachlorophenol	11.298	266	352432	79.039	ng		98
71)	Phenanthrene	11.528	178	1311336	36.807	ng		99
72)	Anthracene	11.575	178	1342298	37.551	ng		100
73)	Carbazole	11.727	167	1210163	36.059	ng		99
74)	Di-n-butylphthalate	12.051	149	1440080	35.585	ng	#	97
75)	Fluoranthene	12.716	202	1359792	38.641	ng		99
77)	Benzidine	12.833	184	303579	19.864	ng		99
78)	Pyrene	12.951	202	1375314	38.389	ng		99
80)	Butylbenzylphthalate	13.557	149	592689	38.080	ng	#	89
81)	Benzo(a)anthracene	14.139	228	1152816	38.285	ng		100
82)	3,3'-Dichlorobenzidine	14.098	252	257896	26.072	ng	#	97
83)	Chrysene	14.180	228	1108156	38.247	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.116	149	802482	38.070	ng		99
85)	Di-n-octyl phthalate	14.739	149	1193654	36.987	ng		94
87)	Indeno(1,2,3-cd)pyrene	17.245	276	828897	42.939	ng	#	91
88)	Benzo(b)fluoranthene	15.221	252	853629	41.200	ng	#	95
89)	Benzo(k)fluoranthene	15.251	252	855784	42.067	ng	#	96
90)	Benzo(a)pyrene	15.610	252	784022	46.508	ng	#	95
91)	Dibenzo(a,h)anthracene	17.262	278	701270	43.851	ng	#	95
92)	Benzo(g,h,i)perylene	17.721	276	723902	46.164	ng	#	90

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

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