Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
Data File : BF140447.D
Acq On : 18 Nov 2024 11:58
Operator : RC/JU
Sample : PB164846BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 18 12:34:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164846BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	145420	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	559684	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	308958	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	581243	20.000	ng		0.00
76) Chrysene-d12	14.051	240	325114	20.000	ng		0.00
86) Perylene-d12	15.545	264	284093	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1076180	126.355	ng		0.02
7) Phenol-d6	6.516	99	1400041	121.328	ng		0.01
23) Nitrobenzene-d5	7.439	82	923338	85.956	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	404298	131.593	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1682238	87.529	ng		0.00
79) Terphenyl-d14	12.986	244	1867800	99.722	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	145798	38.408	ng		99
3) Pyridine	3.493	79	385293	41.286	ng		99
4) n-Nitrosodimethylamine	3.446	42	205712	43.614	ng		100
6) Aniline	6.540	93	391801	39.031	ng	#	45
8) 2-Chlorophenol	6.663	128	429419	46.936	ng		98
9) Benzaldehyde	6.428	77	49583	7.169	ng		97
10) Phenol	6.534	94	526833	43.293	ng	#	75
11) bis(2-Chloroethyl)ether	6.610	93	421887	45.755	ng		99
12) 1,3-Dichlorobenzene	6.816	146	444156	44.000	ng		99
13) 1,4-Dichlorobenzene	6.892	146	447701	43.740	ng		99
14) 1,2-Dichlorobenzene	7.045	146	429290	45.178	ng		99
15) Benzyl Alcohol	7.022	79	390233	46.938	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	565533	44.404	ng		68
17) 2-Methylphenol	7.134	107	342267	45.476	ng		93
18) Hexachloroethane	7.387	117	169487	44.791	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	309024	44.341	ng		100
20) 3+4-Methylphenols	7.287	107	423581	45.003	ng		94
22) Acetophenone	7.281	105	571412	43.897	ng		99
24) Nitrobenzene	7.457	77	480035	42.921	ng		99
25) Isophorone	7.692	82	853441	44.828	ng		100
26) 2-Nitrophenol	7.775	139	232910	46.929	ng		98
27) 2,4-Dimethylphenol	7.810	122	348177	54.796	ng		97
28) bis(2-Chloroethoxy)met...	7.904	93	525211	44.991	ng		100
29) 2,4-Dichlorophenol	8.016	162	357639	45.543	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	379026	43.353	ng		99
31) Naphthalene	8.175	128	1246423	43.901	ng		100
32) Benzoic acid	7.939	122	244574	43.744	ng		97
33) 4-Chloroaniline	8.228	127	219835	22.264	ng		99
34) Hexachlorobutadiene	8.292	225	243160	43.652	ng		99
35) Caprolactam	8.598	113	114202m	43.756	ng		
36) 4-Chloro-3-methylphenol	8.716	107	389864	44.800	ng		98
37) 2-Methylnaphthalene	8.869	142	816319	44.840	ng		99
38) 1-Methylnaphthalene	8.969	142	761299	42.704	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	387962	45.409	ng		99
41) Hexachlorocyclopentadiene	9.022	237	398486	181.657	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	257007	45.838	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	271362	44.267	ng	98
46) 1,1'-Biphenyl	9.333	154	1010408	44.954	ng	99
47) 2-Chloronaphthalene	9.357	162	754929	44.092	ng	99
48) 2-Nitroaniline	9.457	65	256925	45.247	ng	99
49) Acenaphthylene	9.775	152	1249493	48.233	ng	100
50) Dimethylphthalate	9.633	163	927208	46.042	ng	99
51) 2,6-Dinitrotoluene	9.698	165	198478	43.232	ng	100
52) Acenaphthene	9.945	154	891897m	50.975	ng	
53) 3-Nitroaniline	9.869	138	137100	28.436	ng	99
54) 2,4-Dinitrophenol	9.980	184	229743	97.040	ng	99
55) Dibenzofuran	10.122	168	1124399	45.395	ng	100
56) 4-Nitrophenol	10.045	139	308272	87.657	ng	98
57) 2,4-Dinitrotoluene	10.104	165	275544	45.603	ng	98
58) Fluorene	10.463	166	868200	44.370	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	230652	47.652	ng	99
60) Diethylphthalate	10.333	149	933678	45.341	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	431231	44.640	ng	100
62) 4-Nitroaniline	10.486	138	215906	43.796	ng	98
63) Azobenzene	10.616	77	914747	44.959	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	157620	50.403	ng	98
66) n-Nitrosodiphenylamine	10.575	169	771009	45.910	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	261987	45.091	ng	99
68) Hexachlorobenzene	11.010	284	296988	45.430	ng	100
69) Atrazine	11.104	200	261734	51.512	ng	100
70) Pentachlorophenol	11.210	266	308690	87.661	ng	99
71) Phenanthrene	11.427	178	1253307	45.902	ng	100
72) Anthracene	11.480	178	1280432	47.849	ng	100
73) Carbazole	11.633	167	1181642	44.721	ng	100
74) Di-n-butylphthalate	11.957	149	1462532	46.118	ng	100
75) Fluoranthene	12.621	202	1360302	44.406	ng	100
77) Benzidine	12.739	184	344154	27.581	ng	99
78) Pyrene	12.851	202	1371060	49.302	ng	100
80) Butylbenzylphthalate	13.463	149	551247	51.601	ng	96
81) Benzo(a)anthracene	14.039	228	995805	46.604	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	209137	30.794	ng	99
83) Chrysene	14.080	228	923689	47.379	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	715477	50.176	ng	99
85) Di-n-octyl phthalate	14.645	149	962272	47.915	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	911905	51.963	ng	99
88) Benzo(b)fluoranthene	15.110	252	747769	40.237	ng	99
89) Benzo(k)fluoranthene	15.139	252	746427	49.166	ng	100
90) Benzo(a)pyrene	15.480	252	719976	49.889	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	743925	51.284	ng	99
92) Benzo(g,h,i)perylene	17.509	276	693632	46.772	ng	98

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

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