Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140263.D
Acq On : 07 Nov 2024 09:54
Operator : RC/JU
Sample : PB164702BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164702BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 10:52:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	189444	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	717811	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	420554	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	766202	20.000	ng	0.00
76) Chrysene-d12	14.063	240	449132	20.000	ng	0.00
86) Perylene-d12	15.563	264	405153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1426156	124.757	ng	0.02
7) Phenol-d6	6.510	99	1800482	122.451	ng	0.00
23) Nitrobenzene-d5	7.440	82	1248338	86.465	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	619126	148.937	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2276371	86.432	ng	0.00
79) Terphenyl-d14	12.998	244	2666837	97.268	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	191062	36.354	ng	96
3) Pyridine	3.534	79	507430	39.569	ng	97
4) n-Nitrosodimethylamine	3.499	42	315837	42.659	ng	94
6) Aniline	6.540	93	549976	41.400	ng	92
8) 2-Chlorophenol	6.663	128	579870	48.480	ng	96
9) Benzaldehyde	6.428	77	90855	10.031	ng	98
10) Phenol	6.522	94	720155	46.116	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	560314	47.232	ng	98
12) 1,3-Dichlorobenzene	6.822	146	614397	43.834	ng	99
13) 1,4-Dichlorobenzene	6.898	146	622631	44.044	ng	99
14) 1,2-Dichlorobenzene	7.045	146	601259	45.539	ng	98
15) Benzyl Alcohol	7.022	79	543802	47.976	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	887765	46.232	ng	98
17) 2-Methylphenol	7.128	107	480306	48.138	ng	99
18) Hexachloroethane	7.387	117	236125	44.841	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	430219	45.864	ng	97
20) 3+4-Methylphenols	7.281	107	572150	45.658	ng	97
22) Acetophenone	7.287	105	795861	44.719	ng	98
24) Nitrobenzene	7.463	77	643626	42.486	ng	96
25) Isophorone	7.698	82	1172258	47.155	ng	99
26) 2-Nitrophenol	7.775	139	299675	49.729	ng	97
27) 2,4-Dimethylphenol	7.810	122	469544	57.274	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	692092	46.522	ng	100
29) 2,4-Dichlorophenol	8.016	162	485573	47.877	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	537498	44.226	ng	99
31) Naphthalene	8.181	128	1666815	44.968	ng	100
32) Benzoic acid	7.934	122	311120	46.242	ng	95
33) 4-Chloroaniline	8.228	127	268542	22.007	ng	97
34) Hexachlorobutadiene	8.298	225	366012	44.493	ng	99
35) Caprolactam	8.610	113	132812m	43.047	ng	
36) 4-Chloro-3-methylphenol	8.710	107	543474	48.128	ng	98
37) 2-Methylnaphthalene	8.869	142	1128015	46.629	ng	99
38) 1-Methylnaphthalene	8.969	142	1036798	43.726	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	563138	45.740	ng	99
41) Hexachlorocyclopentadiene	9.022	237	678408	196.644	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	384966	50.458	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	370500	46.186	ng	98
46) 1,1'-Biphenyl	9.339	154	1389319	45.704	ng	99
47) 2-Chloronaphthalene	9.363	162	1025026	44.802	ng	100
48) 2-Nitroaniline	9.457	65	358420	46.843	ng	98
49) Acenaphthylene	9.781	152	1595286	49.250	ng	99
50) Dimethylphthalate	9.645	163	1253758	48.407	ng	99
51) 2,6-Dinitrotoluene	9.704	165	284382	46.711	ng	98
52) Acenaphthene	9.951	154	1192905	51.921	ng	98
53) 3-Nitroaniline	9.875	138	165199	28.817	ng	96
54) 2,4-Dinitrophenol	9.981	184	279366	92.468	ng	91
55) Dibenzofuran	10.128	168	1496819	46.590	ng	100
56) 4-Nitrophenol	10.039	139	424764	105.381	ng	97
57) 2,4-Dinitrotoluene	10.110	165	385755	48.828	ng	98
58) Fluorene	10.469	166	1163758	45.506	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	339556	51.670	ng	97
60) Diethylphthalate	10.345	149	1235348	47.997	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	589156	45.711	ng	97
62) 4-Nitroaniline	10.498	138	266296	46.745	ng	95
63) Azobenzene	10.622	77	1218001	45.651	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	204242	50.754	ng	95
66) n-Nitrosodiphenylamine	10.581	169	1037989	47.101	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	389977	47.266	ng	98
68) Hexachlorobenzene	11.022	284	438918	46.670	ng	95
69) Atrazine	11.110	200	381716	63.311	ng	98
70) Pentachlorophenol	11.216	266	503578	99.717	ng	99
71) Phenanthrene	11.433	178	1726671	47.221	ng	100
72) Anthracene	11.486	178	1737994	48.472	ng	100
73) Carbazole	11.639	167	1521462	46.440	ng	100
74) Di-n-butylphthalate	11.969	149	1867096	48.145	ng	99
75) Fluoranthene	12.622	202	1788878	46.787	ng	99
77) Benzidine	12.745	184	403658	45.968	ng	99
78) Pyrene	12.857	202	1800007	48.539	ng	100
80) Butylbenzylphthalate	13.469	149	711541	53.286	ng	99
81) Benzo(a)anthracene	14.051	228	1419222	49.239	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	329931	36.451	ng	98
83) Chrysene	14.086	228	1292706	47.893	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	955248	51.041	ng	99
85) Di-n-octyl phthalate	14.669	149	1485254	52.726	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1200098	50.462	ng	99
88) Benzo(b)fluoranthene	15.121	252	1231890	50.267	ng	100
89) Benzo(k)fluoranthene	15.157	252	1064300	47.328	ng	99
90) Benzo(a)pyrene	15.498	252	1057870	52.355	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	967859	49.465	ng	100
92) Benzo(g,h,i)perylene	17.533	276	899180	45.049	ng	99

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

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