Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140394.D
Acq On : 15 Nov 2024 11:00
Operator : RC/JU
Sample : PB164886BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 15 11:44:11 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 :
PB164886BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	150149	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	576878	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	316651	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	599000	20.000	ng		0.00
76) Chrysene-d12	14.068	240	344150	20.000	ng		0.02
86) Perylene-d12	15.580	264	315700	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1083525	123.211	ng		0.03
7) Phenol-d6	6.528	99	1401882	117.661	ng		0.02
23) Nitrobenzene-d5	7.439	82	931424	84.125	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	410503	130.366	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1619106	82.197	ng		0.00
79) Terphenyl-d14	12.992	244	1847948	93.205	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	144193	36.789	ng		99
3) Pyridine	3.493	79	367423	38.131	ng		99
4) n-Nitrosodimethylamine	3.451	42	208945	42.905	ng		99
6) Aniline	6.539	93	410114	39.569	ng	#	13
8) 2-Chlorophenol	6.669	128	417922	44.241	ng		98
9) Benzaldehyde	6.428	77	21505	3.012	ng		94
10) Phenol	6.539	94	513962	40.905	ng	#	68
11) bis(2-Chloroethyl)ether	6.610	93	411350	43.207	ng		99
12) 1,3-Dichlorobenzene	6.816	146	426828	40.951	ng		99
13) 1,4-Dichlorobenzene	6.892	146	435435	41.201	ng		99
14) 1,2-Dichlorobenzene	7.045	146	414513	42.249	ng		99
15) Benzyl Alcohol	7.022	79	375350	43.726	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	538924	40.982	ng	#	37
17) 2-Methylphenol	7.139	107	327492	42.143	ng	#	91
18) Hexachloroethane	7.386	117	164015	41.979	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	295881	41.118	ng		99
20) 3+4-Methylphenols	7.292	107	413437	42.542	ng		95
22) Acetophenone	7.287	105	560563	41.780	ng		99
24) Nitrobenzene	7.457	77	464908	40.329	ng		99
25) Isophorone	7.698	82	815295	41.548	ng		100
26) 2-Nitrophenol	7.775	139	223403	43.672	ng		99
27) 2,4-Dimethylphenol	7.816	122	333611m	50.939	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	491055	40.812	ng		100
29) 2,4-Dichlorophenol	8.022	162	345383	42.672	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	360873	40.047	ng		100
31) Naphthalene	8.181	128	1204408	41.157	ng		100
32) Benzoic acid	7.945	122	249229	43.248	ng		96
33) 4-Chloroaniline	8.228	127	318749	31.320	ng		99
34) Hexachlorobutadiene	8.292	225	232791	40.545	ng		99
35) Caprolactam	8.598	113	118992m	44.232	ng		
36) 4-Chloro-3-methylphenol	8.722	107	382581	42.653	ng		99
37) 2-Methylnaphthalene	8.869	142	779061	41.518	ng		100
38) 1-Methylnaphthalene	8.969	142	715970	38.964	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	366912	41.902	ng		99
41) Hexachlorocyclopentadiene	9.022	237	382182	169.991	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	247125	43.004	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	266023	42.341	ng	97
46) 1,1'-Biphenyl	9.333	154	950078	41.243	ng	99
47) 2-Chloronaphthalene	9.363	162	719286	40.989	ng	99
48) 2-Nitroaniline	9.463	65	258271	44.379	ng	100
49) Acenaphthylene	9.780	152	1195706	45.036	ng	100
50) Dimethylphthalate	9.639	163	882347	42.750	ng	99
51) 2,6-Dinitrotoluene	9.698	165	195426	41.533	ng	98
52) Acenaphthene	9.951	154	868744m	48.445	ng	
53) 3-Nitroaniline	9.875	138	163085	33.003	ng	99
54) 2,4-Dinitrophenol	9.980	184	234698	96.725	ng	97
55) Dibenzofuran	10.122	168	1099605	43.316	ng	100
56) 4-Nitrophenol	10.051	139	320998	89.058	ng	98
57) 2,4-Dinitrotoluene	10.110	165	272858	44.061	ng	98
58) Fluorene	10.469	166	843339	42.053	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	232266	46.820	ng	97
60) Diethylphthalate	10.333	149	892587	42.293	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	410580	41.470	ng	98
62) 4-Nitroaniline	10.492	138	220910	43.722	ng	100
63) Azobenzene	10.616	77	878054	42.107	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	157937	49.007	ng	99
66) n-Nitrosodiphenylamine	10.575	169	755732	43.666	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	252075	42.099	ng	99
68) Hexachlorobenzene	11.016	284	284843	42.281	ng	97
69) Atrazine	11.104	200	183883	35.118	ng	100
70) Pentachlorophenol	11.216	266	302760	83.428	ng	99
71) Phenanthrene	11.433	178	1229610	43.699	ng	100
72) Anthracene	11.480	178	1249524	45.310	ng	100
73) Carbazole	11.639	167	1169783	42.959	ng	100
74) Di-n-butylphthalate	11.963	149	1351711	41.360	ng	100
75) Fluoranthene	12.621	202	1327049	42.037	ng	100
77) Benzidine	12.739	184	244785	18.532	ng	98
78) Pyrene	12.851	202	1358443	46.147	ng	99
80) Butylbenzylphthalate	13.463	149	522743	46.226	ng	99
81) Benzo(a)anthracene	14.051	228	1036279	45.816	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	275560	38.330	ng	98
83) Chrysene	14.092	228	927679	44.951	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	669927	44.383	ng	100
85) Di-n-octyl phthalate	14.680	149	928629	43.682	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	897189	46.006	ng	99
88) Benzo(b)fluoranthene	15.145	252	796026	38.546	ng	99
89) Benzo(k)fluoranthene	15.174	252	788699	46.749	ng	100
90) Benzo(a)pyrene	15.521	252	748285	46.659	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	729963	45.283	ng	100
92) Benzo(g,h,i)perylene	17.556	276	683162	41.454	ng	100

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

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