Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140600.D
Acq On : 25 Nov 2024 13:54
Operator : RC/JU
Sample : PB165152BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 25 14:23:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165152BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	109034	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	414003	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	229665	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	432290	20.000	ng	0.00
76) Chrysene-d12	14.051	240	254104	20.000	ng	0.00
86) Perylene-d12	15.557	264	215389	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	795018	124.408	ng	0.01
7) Phenol-d6	6.510	99	1025257	121.357	ng	0.00
23) Nitrobenzene-d5	7.434	82	672895	83.137	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	315302	128.365	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1296266	84.095	ng	0.00
79) Terphenyl-d14	12.986	244	1412352	86.548	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	104266	38.806	ng	98
3) Pyridine	3.505	79	258709	43.763	ng	99
4) n-Nitrosodimethylamine	3.458	42	143492	41.299	ng	92
6) Aniline	6.534	93	282196	47.457	ng	90
8) 2-Chlorophenol	6.663	128	309174	44.970	ng	95
9) Benzaldehyde	6.422	77	153487	34.319	ng	99
10) Phenol	6.528	94	387813	44.949	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	291837	44.203	ng	99
12) 1,3-Dichlorobenzene	6.810	146	325535	42.139	ng	99
13) 1,4-Dichlorobenzene	6.887	146	327404	41.856	ng	99
14) 1,2-Dichlorobenzene	7.040	146	315458	43.039	ng	100
15) Benzyl Alcohol	7.016	79	280243	44.730	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	364425	46.722	ng	93
17) 2-Methylphenol	7.128	107	245042	44.525	ng	98
18) Hexachloroethane	7.381	117	124362	42.569	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	221100	44.283	ng	98
20) 3+4-Methylphenols	7.281	107	313821	44.364	ng	98
22) Acetophenone	7.281	105	418321	41.446	ng	100
24) Nitrobenzene	7.451	77	342083	40.893	ng	100
25) Isophorone	7.693	82	600875	44.510	ng	100
26) 2-Nitrophenol	7.769	139	167298	45.129	ng	97
27) 2,4-Dimethylphenol	7.804	122	245077	55.254	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	365627	44.457	ng	100
29) 2,4-Dichlorophenol	8.016	162	264433	44.992	ng	97
30) 1,2,4-Trichlorobenzene	8.093	180	273802	40.802	ng	99
31) Naphthalene	8.175	128	905902	42.481	ng	99
32) Benzoic acid	7.940	122	150123	40.258	ng	99
33) 4-Chloroaniline	8.222	127	137348	21.512	ng	100
34) Hexachlorobutadiene	8.287	225	184677	41.549	ng	99
35) Caprolactam	8.592	113	79973m	43.969	ng	
36) 4-Chloro-3-methylphenol	8.716	107	289415	43.981	ng	98
37) 2-Methylnaphthalene	8.863	142	594944	43.925	ng	100
38) 1-Methylnaphthalene	8.963	142	551141	41.513	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	290675	43.233	ng	99
41) Hexachlorocyclopentadiene	9.016	237	260138	163.733	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	187773	44.508	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	197888	43.219	ng	97
46) 1,1'-Biphenyl	9.328	154	747311	43.583	ng	99
47) 2-Chloronaphthalene	9.357	162	553197	42.578	ng	99
48) 2-Nitroaniline	9.451	65	186161	44.639	ng	99
49) Acenaphthylene	9.769	152	912286	46.472	ng	99
50) Dimethylphthalate	9.628	163	685858	45.344	ng	100
51) 2,6-Dinitrotoluene	9.698	165	147685	43.052	ng	92
52) Acenaphthene	9.945	154	557959	44.732	ng	98
53) 3-Nitroaniline	9.869	138	96688	28.818	ng	92
54) 2,4-Dinitrophenol	9.981	184	136283	77.031	ng	96
55) Dibenzofuran	10.116	168	834711	43.872	ng	99
56) 4-Nitrophenol	10.039	139	199311	87.105	ng	96
57) 2,4-Dinitrotoluene	10.104	165	197463	43.312	ng	97
58) Fluorene	10.457	166	664573	43.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	170039	48.322	ng	95
60) Diethylphthalate	10.328	149	680128	44.256	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	324555	43.305	ng	97
62) 4-Nitroaniline	10.486	138	151693	43.108	ng	93
63) Azobenzene	10.610	77	642026	44.115	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	104960	47.514	ng	95
66) n-Nitrosodiphenylamine	10.569	169	569542	44.551	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	194816	43.760	ng	97
68) Hexachlorobenzene	11.010	284	221937	43.054	ng	99
69) Atrazine	11.098	200	188654	52.457	ng	99
70) Pentachlorophenol	11.210	266	197828	87.195	ng	99
71) Phenanthrene	11.428	178	933782	44.937	ng	99
72) Anthracene	11.475	178	949881	46.731	ng	100
73) Carbazole	11.633	167	865023	44.237	ng	100
74) Di-n-butylphthalate	11.957	149	1016548	45.029	ng	99
75) Fluoranthene	12.616	202	1004061	44.503	ng	99
77) Benzidine	12.733	184	264161	35.756	ng	100
78) Pyrene	12.845	202	1030730	43.870	ng	99
80) Butylbenzylphthalate	13.457	149	396298	46.822	ng	98
81) Benzo(a)anthracene	14.039	228	789309	46.925	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	147281	29.163	ng	100
83) Chrysene	14.080	228	687256	44.683	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	509958	47.716	ng	99
85) Di-n-octyl phthalate	14.657	149	730693	50.028	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	606607	43.216	ng	98
88) Benzo(b)fluoranthene	15.121	252	574094	42.435	ng	99
89) Benzo(k)fluoranthene	15.151	252	571947	48.311	ng	99
90) Benzo(a)pyrene	15.498	252	539283	49.025	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	498038	43.325	ng	99
92) Benzo(g,h,i)perylene	17.521	276	452716	38.593	ng	98

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

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