Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
Data File : BF140028.D
Acq On : 25 Oct 2024 10:45
Operator : RC/JU
Sample : PB164366BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 25 11:35:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164366BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	126264	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	495337	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	272629	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	490973	20.000	ng	0.00
76) Chrysene-d12	14.057	240	273728	20.000	ng	0.00
86) Perylene-d12	15.533	264	251991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	771136	95.610	ng	0.02
7) Phenol-d6	6.516	99	975638	93.397	ng	0.00
23) Nitrobenzene-d5	7.451	82	646822	72.373	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	300046	117.661	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1183441	71.741	ng	0.00
79) Terphenyl-d14	12.998	244	1285839	76.545	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	102275	27.197	ng	98
3) Pyridine	3.528	79	275069	29.510	ng	97
4) n-Nitrosodimethylamine	3.475	42	169833	33.912	ng	92
6) Aniline	6.551	93	312538	32.103	ng	100
8) 2-Chlorophenol	6.675	128	304317	36.908	ng	97
9) Benzaldehyde	6.440	77	62258	10.594	ng	98
10) Phenol	6.528	94	378236m	35.121	ng	
11) bis(2-Chloroethyl)ether	6.622	93	289279	34.753	ng	99
12) 1,3-Dichlorobenzene	6.834	146	327061	34.555	ng	99
13) 1,4-Dichlorobenzene	6.910	146	332959	35.211	ng	99
14) 1,2-Dichlorobenzene	7.057	146	317179	35.939	ng	100
15) Benzyl Alcohol	7.028	79	285599	37.272	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	458890	32.331	ng	97
17) 2-Methylphenol	7.134	107	250119	35.575	ng	97
18) Hexachloroethane	7.404	117	121250	35.957	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	218541	34.495	ng	97
20) 3+4-Methylphenols	7.287	107	310370	34.513	ng	91
22) Acetophenone	7.298	105	420708	34.676	ng	99
24) Nitrobenzene	7.469	77	335992	34.289	ng	99
25) Isophorone	7.710	82	595189	35.088	ng	99
26) 2-Nitrophenol	7.787	139	156859	42.433	ng	98
27) 2,4-Dimethylphenol	7.822	122	249095	40.411	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	348874	33.946	ng	100
29) 2,4-Dichlorophenol	8.022	162	254577	36.260	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	266650	34.324	ng	99
31) Naphthalene	8.192	128	886119	34.686	ng	100
32) Benzoic acid	7.934	122	183069	34.052	ng	98
33) 4-Chloroaniline	8.240	127	153943	17.672	ng	98
34) Hexachlorobutadiene	8.310	225	178156	36.498	ng	99
35) Caprolactam	8.610	113	79399m	35.567	ng	
36) 4-Chloro-3-methylphenol	8.716	107	282773	36.373	ng	99
37) 2-Methylnaphthalene	8.887	142	561229	35.871	ng	99
38) 1-Methylnaphthalene	8.987	142	522138	34.015	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	270176	36.733	ng	99
41) Hexachlorocyclopentadiene	9.039	237	368760	144.091	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	196478	37.731	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	194385	36.181	ng		98
46) 1,1'-Biphenyl	9.351	154	683328	36.004	ng		99
47) 2-Chloronaphthalene	9.375	162	536095	35.071	ng		98
48) 2-Nitroaniline	9.469	65	187297	40.063	ng		95
49) Acenaphthylene	9.792	152	847649	38.357	ng		99
50) Dimethylphthalate	9.651	163	623499	36.716	ng		100
51) 2,6-Dinitrotoluene	9.710	165	135983	36.984	ng		99
52) Acenaphthene	9.963	154	598776	41.885	ng		99
53) 3-Nitroaniline	9.875	138	98191	25.896	ng		98
54) 2,4-Dinitrophenol	9.986	184	155558	100.047	ng	#	1
55) Dibenzofuran	10.134	168	742059	36.179	ng		99
56) 4-Nitrophenol	10.034	139	237427	81.390	ng		94
57) 2,4-Dinitrotoluene	10.116	165	188001	41.579	ng		100
58) Fluorene	10.481	166	570282	36.504	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	166854	39.617	ng		99
60) Diethylphthalate	10.351	149	595247	35.701	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	284395	36.048	ng		98
62) 4-Nitroaniline	10.492	138	142364	39.754	ng		94
63) Azobenzene	10.628	77	610768	34.553	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	104288	52.075	ng		94
66) n-Nitrosodiphenylamine	10.586	169	527725	35.913	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	183195	36.219	ng		98
68) Hexachlorobenzene	11.028	284	208290	36.616	ng		97
69) Atrazine	11.116	200	172219	43.265	ng		100
70) Pentachlorophenol	11.216	266	262174	75.940	ng		99
71) Phenanthrene	11.439	178	854510	36.846	ng		100
72) Anthracene	11.492	178	871594	38.519	ng		100
73) Carbazole	11.645	167	771397	36.656	ng		99
74) Di-n-butylphthalate	11.975	149	883576	36.342	ng		100
75) Fluoranthene	12.627	202	890172	37.969	ng		98
77) Benzidine	12.745	184	211693	47.032	ng		99
78) Pyrene	12.857	202	901247	37.614	ng		100
80) Butylbenzylphthalate	13.474	149	297810	41.458	ng		98
81) Benzo(a)anthracene	14.045	228	666018	37.377	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	137570	26.479	ng		99
83) Chrysene	14.080	228	615429	37.669	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	324418	40.254	ng		100
85) Di-n-octyl phthalate	14.645	149	472941	32.263	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	633841	39.099	ng		96
88) Benzo(b)fluoranthene	15.098	252	602382	39.243	ng		99
89) Benzo(k)fluoranthene	15.127	252	461270	34.844	ng		99
90) Benzo(a)pyrene	15.468	252	508337	40.246	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	508943	37.633	ng		98
92) Benzo(g,h,i)perylene	17.486	276	489824	36.260	ng		97

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

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