Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
Data File : BF138886.D
Acq On : 09 Aug 2024 13:25
Operator : RC/JU
Sample : PB162489BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 09 13:56:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB162489BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	55937	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	237308	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	135700	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	232367	20.000	ng		0.00
76) Chrysene-d12	14.004	240	113862	20.000	ng		0.00
86) Perylene-d12	15.463	264	96864	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	471812	130.202	ng		0.02
7) Phenol-d6	6.493	99	628804	129.246	ng		0.00
23) Nitrobenzene-d5	7.410	82	412816	85.050	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	154182	138.707	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	784869	86.902	ng		0.00
79) Terphenyl-d14	12.945	244	791548	116.392	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	47828	30.148	ng		97
3) Pyridine	3.463	79	124988	32.523	ng		96
4) n-Nitrosodimethylamine	3.434	42	116301	50.811	ng		84
6) Aniline	6.510	93	143736	33.128	ng	#	16
8) 2-Chlorophenol	6.634	128	185399	48.629	ng		98
9) Benzaldehyde	6.398	77	113590	38.948	ng		99
10) Phenol	6.510	94	243290	47.495	ng		86
11) bis(2-Chloroethyl)ether	6.581	93	174011	44.144	ng		100
12) 1,3-Dichlorobenzene	6.781	146	185110	43.375	ng		98
13) 1,4-Dichlorobenzene	6.857	146	192246	44.637	ng		99
14) 1,2-Dichlorobenzene	7.010	146	185605	46.113	ng		99
15) Benzyl Alcohol	6.993	79	178912	51.022	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	295135	43.506	ng	#	47
17) 2-Methylphenol	7.110	107	149237	47.404	ng	#	86
18) Hexachloroethane	7.345	117	73829	45.540	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	144362	49.128	ng		98
20) 3+4-Methylphenols	7.263	107	201207	49.813	ng	#	79
22) Acetophenone	7.257	105	256780	44.193	ng		98
24) Nitrobenzene	7.434	77	215325	43.596	ng		99
25) Isophorone	7.669	82	383539	46.276	ng		98
26) 2-Nitrophenol	7.745	139	98435	46.324	ng		95
27) 2,4-Dimethylphenol	7.787	122	127315	50.076	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	223265	44.236	ng		99
29) 2,4-Dichlorophenol	7.992	162	159462	48.810	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	168771	44.765	ng		99
31) Naphthalene	8.145	128	553254	44.292	ng		100
32) Benzoic acid	7.945	122	72059	36.056	ng		97
33) 4-Chloroaniline	8.198	127	88100	21.011	ng		98
34) Hexachlorobutadiene	8.257	225	100753	44.120	ng		100
35) Caprolactam	8.592	113	40480m	41.525	ng		
36) 4-Chloro-3-methylphenol	8.698	107	181168	48.523	ng		99
37) 2-Methylnaphthalene	8.834	142	367005	46.522	ng		99
38) 1-Methylnaphthalene	8.934	142	337008	43.596	ng		97
40) 1,2,4,5-Tetrachloroben...	9.004	216	158491	42.045	ng		99
41) Hexachlorocyclopentadiene	8.981	237	106892	104.770	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	104792	45.594	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	111079	44.209	ng		99
46) 1,1'-Biphenyl	9.298	154	439384	41.343	ng		100
47) 2-Chloronaphthalene	9.328	162	348295	44.064	ng		99
48) 2-Nitroaniline	9.434	65	124915	46.616	ng		99
49) Acenaphthylene	9.739	152	542094	48.356	ng		99
50) Dimethylphthalate	9.604	163	420510	48.463	ng		99
51) 2,6-Dinitrotoluene	9.675	165	89961	45.941	ng		93
52) Acenaphthene	9.916	154	327605	43.472	ng		99
53) 3-Nitroaniline	9.845	138	60421	29.847	ng		96
54) 2,4-Dinitrophenol	9.963	184	82333	91.337	ng		86
55) Dibenzofuran	10.086	168	493467	46.388	ng		99
56) 4-Nitrophenol	10.028	139	94576	77.691	ng		90
57) 2,4-Dinitrotoluene	10.081	165	121596	48.671	ng	#	80
58) Fluorene	10.428	166	404622	47.764	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	98092	51.065	ng		98
60) Diethylphthalate	10.304	149	418528	50.872	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	197585	47.424	ng		96
62) 4-Nitroaniline	10.469	138	82366	42.815	ng		90
63) Azobenzene	10.581	77	433986	47.562	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	68786	48.522	ng		97
66) n-Nitrosodiphenylamine	10.539	169	341567	47.026	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	118122	46.952	ng		99
68) Hexachlorobenzene	10.975	284	120407	46.353	ng		99
69) Atrazine	11.069	200	102669	54.788	ng		98
70) Pentachlorophenol	11.181	266	87959	75.124	ng		95
71) Phenanthrene	11.392	178	572137	47.817	ng		100
72) Anthracene	11.445	178	577450	48.989	ng		100
73) Carbazole	11.598	167	475209	46.729	ng		99
74) Di-n-butylphthalate	11.922	149	637976	55.806	ng		100
75) Fluoranthene	12.575	202	545597	48.844	ng		99
77) Benzidine	12.698	184	35679	13.101	ng		97
78) Pyrene	12.810	202	537177	50.108	ng		100
80) Butylbenzylphthalate	13.416	149	194726	56.722	ng		97
81) Benzo(a)anthracene	13.992	228	367975	46.931	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	67353	33.568	ng		99
83) Chrysene	14.033	228	341211	48.235	ng		100
84) Bis(2-ethylhexyl)phtha...	13.969	149	233665	46.482	ng		99
85) Di-n-octyl phthalate	14.580	149	361869	38.907	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	327506	47.180	ng		96
88) Benzo(b)fluoranthene	15.039	252	292630	48.734	ng		98
89) Benzo(k)fluoranthene	15.069	252	298698	57.454	ng		98
90) Benzo(a)pyrene	15.404	252	267903	53.042	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	266048	46.690	ng		98
92) Benzo(g,h,i)perylene	17.386	276	243369	41.158	ng		95

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

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