Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139333.D
Acq On : 11 Sep 2024 18:39
Operator : RC/JU
Sample : P3929-03MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 05:14:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	66167	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	407056	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	205609	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	302199	20.000	ng		0.00
76) Chrysene-d12	14.045	240	190394	20.000	ng		0.00
86) Perylene-d12	15.515	264	157374	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	461087	116.574	ng		0.00
7) Phenol-d6	6.516	99	603183	114.234	ng		0.00
23) Nitrobenzene-d5	7.451	82	411248	52.559	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	198577	111.845	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1108234	83.202	ng		0.00
79) Terphenyl-d14	12.992	244	800196	67.858	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	63225	34.325	ng		94
3) Pyridine	3.493	79	133944	30.126	ng		97
4) n-Nitrosodimethylamine	3.457	42	135907	47.072	ng		84
6) Aniline	6.545	93	106733	21.982	ng	#	57
8) 2-Chlorophenol	6.669	128	199939	48.775	ng		99
9) Benzaldehyde	6.434	77	46599	14.579	ng		96
10) Phenol	6.534	94	258086	46.339	ng		90
11) bis(2-Chloroethyl)ether	6.622	93	189687	47.539	ng		99
12) 1,3-Dichlorobenzene	6.828	146	215766	46.503	ng		97
13) 1,4-Dichlorobenzene	6.904	146	220429	47.465	ng		98
14) 1,2-Dichlorobenzene	7.057	146	208844	48.218	ng		100
15) Benzyl Alcohol	7.028	79	203861	52.941	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	337976	44.495	ng		92
17) 2-Methylphenol	7.140	107	161715	48.296	ng	#	93
18) Hexachloroethane	7.398	117	83084	50.091	ng		100
19) n-Nitroso-di-n-propyla...	7.298	70	162266	53.358	ng		99
20) 3+4-Methylphenols	7.292	107	216667	51.342	ng	#	83
22) Acetophenone	7.292	105	302608	31.205	ng		95
24) Nitrobenzene	7.469	77	245379	29.546	ng		97
25) Isophorone	7.704	82	667103	49.868	ng		100
26) 2-Nitrophenol	7.781	139	173083	53.063	ng		97
27) 2,4-Dimethylphenol	7.822	122	270340	58.113	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	391742	49.151	ng		99
29) 2,4-Dichlorophenol	8.022	162	272604	48.941	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	290608	45.682	ng		100
31) Naphthalene	8.192	128	959949	46.568	ng		100
32) Benzoic acid	7.939	122	207361	48.937	ng		98
33) 4-Chloroaniline	8.239	127	56097	7.859	ng		98
34) Hexachlorobutadiene	8.304	225	193015	47.882	ng		100
35) Caprolactam	8.610	113	83299m	48.307	ng		
36) 4-Chloro-3-methylphenol	8.722	107	291549	48.033	ng		98
37) 2-Methylnaphthalene	8.881	142	620067	48.078	ng		99
38) 1-Methylnaphthalene	8.981	142	567449	44.737	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	293876	50.518	ng		99
41) Hexachlorocyclopentadiene	9.034	237	236955	126.747	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	201640	52.978	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	194622	48.796	ng		99
46) 1,1'-Biphenyl	9.345	154	754161	49.506	ng		100
47) 2-Chloronaphthalene	9.369	162	552276	48.013	ng		99
48) 2-Nitroaniline	9.463	65	198119	50.005	ng		98
49) Acenaphthylene	9.786	152	884581	51.059	ng		100
50) Dimethylphthalate	9.645	163	668176	53.617	ng		100
51) 2,6-Dinitrotoluene	9.710	165	137412	48.605	ng		97
52) Acenaphthene	9.957	154	610391	53.120	ng		99
53) 3-Nitroaniline	9.875	138	80954	26.876	ng		99
54) 2,4-Dinitrophenol	9.981	184	133085	88.921	ng	#	68
55) Dibenzofuran	10.128	168	787909	47.826	ng		99
56) 4-Nitrophenol	10.033	139	199668	89.810	ng		98
57) 2,4-Dinitrotoluene	10.110	165	174175	48.404	ng		99
58) Fluorene	10.475	166	579765	45.390	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	152418	48.547	ng		99
60) Diethylphthalate	10.345	149	649397	52.952	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	298094	48.394	ng		98
62) 4-Nitroaniline	10.486	138	116769	40.725	ng		98
63) Azobenzene	10.622	77	658151	50.918	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	78650	56.326	ng		93
66) n-Nitrosodiphenylamine	10.581	169	512884	58.305	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	165666	56.502	ng		99
68) Hexachlorobenzene	11.016	284	171954	51.230	ng		99
69) Atrazine	11.110	200	149218	73.525	ng		99
70) Pentachlorophenol	11.210	266	196603	101.399	ng		97
71) Phenanthrene	11.433	178	735985	52.133	ng		100
72) Anthracene	11.486	178	739406	53.616	ng		100
73) Carbazole	11.639	167	631910	49.026	ng		100
74) Di-n-butylphthalate	11.969	149	798069	60.471	ng		99
75) Fluoranthene	12.622	202	887298	62.692	ng		99
77) Benzidine	12.739	184	170996	44.604	ng		99
78) Pyrene	12.851	202	829483	45.100	ng		100
80) Butylbenzylphthalate	13.469	149	290325	67.054	ng		98
81) Benzo(a)anthracene	14.039	228	683156	56.192	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	126415	39.154	ng		99
83) Chrysene	14.074	228	613170	54.039	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	415239	81.709	ng		99
85) Di-n-octyl phthalate	14.639	149	669476	68.808	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	424339	43.162	ng		97
88) Benzo(b)fluoranthene	15.086	252	547733	60.435	ng		99
89) Benzo(k)fluoranthene	15.116	252	432708	53.248	ng		99
90) Benzo(a)pyrene	15.457	252	431421	56.059	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	346954	42.823	ng		98
92) Benzo(g,h,i)perylene	17.445	276	316391	37.832	ng		97

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

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