Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139544.D
Acq On : 25 Sep 2024 22:37
Operator : RC/JU
Sample : P4178-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 26 01:30:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ231MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	72390	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	259290	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	123749	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	204540	20.000	ng	#	0.00
76) Chrysene-d12	14.045	240	122880	20.000	ng	#	0.01
86) Perylene-d12	15.515	264	98310	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	403781	90.994	ng		0.01
7) Phenol-d6	6.510	99	524395	90.034	ng		0.00
23) Nitrobenzene-d5	7.440	82	344384	62.440	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	100081	75.965	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	589179	66.775	ng		0.00
79) Terphenyl-d14	12.986	244	503624	67.272	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	77657	43.620	ng		97
3) Pyridine	3.446	79	197834	50.401	ng		98
4) n-Nitrosodimethylamine	3.405	42	140557	41.314	ng	#	81
6) Aniline	6.540	93	180400	41.042	ng	#	72
8) 2-Chlorophenol	6.663	128	213586	46.759	ng		98
9) Benzaldehyde	6.428	77	38682	11.495	ng		99
10) Phenol	6.528	94	275366	46.420	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	211852	46.987	ng		98
12) 1,3-Dichlorobenzene	6.822	146	226949	43.688	ng		97
13) 1,4-Dichlorobenzene	6.898	146	230298	43.870	ng		98
14) 1,2-Dichlorobenzene	7.045	146	217253	43.797	ng		99
15) Benzyl Alcohol	7.022	79	198989	42.822	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	376025	54.116	ng		95
17) 2-Methylphenol	7.134	107	169593	46.731	ng		97
18) Hexachloroethane	7.387	117	78642	39.331	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	158617	45.956	ng		97
20) 3+4-Methylphenols	7.287	107	213424	43.105	ng	#	85
22) Acetophenone	7.287	105	299661	44.207	ng		97
24) Nitrobenzene	7.463	77	240391	42.348	ng		96
25) Isophorone	7.698	82	413908	47.451	ng		99
26) 2-Nitrophenol	7.775	139	105057	47.503	ng		92
27) 2,4-Dimethylphenol	7.816	122	166204m	56.973	ng		
28) bis(2-Chloroethoxy)met...	7.910	93	247898	49.866	ng		98
29) 2,4-Dichlorophenol	8.022	162	167783	45.273	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	181245	41.973	ng		99
31) Naphthalene	8.181	128	606727	44.822	ng		99
32) Benzoic acid	7.922	122	94399	34.578	ng		93
33) 4-Chloroaniline	8.234	127	51237	12.373	ng		97
34) Hexachlorobutadiene	8.298	225	119989	40.900	ng		100
35) Caprolactam	8.598	113	51058	44.787	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	171116	40.401	ng		96
37) 2-Methylnaphthalene	8.875	142	382661	44.537	ng		98
38) 1-Methylnaphthalene	8.975	142	341499	40.484	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	176490	48.122	ng		99
41) Hexachlorocyclopentadiene	9.022	237	69956	54.630	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	113270	47.471	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139544.D
Acq On : 25 Sep 2024 22:37
Operator : RC/JU
Sample : P4178-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ231MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 26 01:30:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	114598	45.531	ng		97
46) 1,1'-Biphenyl	9.334	154	459770	48.293	ng		99
47) 2-Chloronaphthalene	9.363	162	331931	46.630	ng		98
48) 2-Nitroaniline	9.457	65	123821	46.767	ng		99
49) Acenaphthylene	9.775	152	572687	53.446	ng		99
50) Dimethylphthalate	9.634	163	392869	48.370	ng		100
51) 2,6-Dinitrotoluene	9.698	165	80211	44.579	ng		92
52) Acenaphthene	9.951	154	336545	45.002	ng		99
53) 3-Nitroaniline	9.869	138	61974	34.464	ng		91
54) 2,4-Dinitrophenol	9.975	184	19503	19.452	ng		89
55) Dibenzofuran	10.122	168	476339	45.698	ng		95
56) 4-Nitrophenol	10.033	139	114945	77.252	ng	#	81
57) 2,4-Dinitrotoluene	10.104	165	101623	41.834	ng		98
58) Fluorene	10.463	166	371185	43.645	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	87579	42.064	ng		95
60) Diethylphthalate	10.333	149	380643	45.413	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	175177	42.383	ng		94
62) 4-Nitroaniline	10.481	138	70787	36.069	ng		89
63) Azobenzene	10.616	77	426516	51.737	ng		89
65) 4,6-Dinitro-2-methylph...	10.510	198	15796	14.632	ng		94
66) n-Nitrosodiphenylamine	10.575	169	304066	50.847	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	97399	48.052	ng		97
68) Hexachlorobenzene	11.010	284	105661	44.416	ng		99
69) Atrazine	11.098	200	93286	65.525	ng		97
70) Pentachlorophenol	11.204	266	115096	80.632	ng		98
71) Phenanthrene	11.428	178	609954	61.810	ng		100
72) Anthracene	11.480	178	529128	54.841	ng		100
73) Carbazole	11.633	167	448133	48.529	ng		99
74) Di-n-butylphthalate	11.963	149	525015	51.037	ng		99
75) Fluoranthene	12.616	202	936828	88.896	ng		98
77) Benzidine	12.739	184	88619	50.337	ng		99
78) Pyrene	12.845	202	1007177	95.459	ng		98
80) Butylbenzylphthalate	13.457	149	205173	57.130	ng		99
81) Benzo(a)anthracene	14.033	228	632991	77.767	ng		97
82) 3,3'-Dichlorobenzidine	13.992	252	97529	40.915	ng		99
83) Chrysene	14.069	228	567863	75.832	ng		98
84) Bis(2-ethylhexyl)phtha...	14.016	149	269210	58.926	ng		100
85) Di-n-octyl phthalate	14.627	149	411155	61.109	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	311232	53.240	ng		97
88) Benzo(b)fluoranthene	15.086	252	480039m	79.173	ng		
89) Benzo(k)fluoranthene	15.116	252	283881	50.780	ng	#	97
90) Benzo(a)pyrene	15.457	252	360849	71.762	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	214855	44.479	ng		97
92) Benzo(g,h,i)perylene	17.445	276	245006	51.226	ng	#	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139544.D
Acq On : 25 Sep 2024 22:37
Operator : RC/JU
Sample : P4178-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 26 01:30:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ231MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024