Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139462.D
Acq On : 19 Sep 2024 13:55
Operator : RC/JU
Sample : PB163516BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 19 14:19:19 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 :
PB163516BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	80271	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	301615	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	165934	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	300456	20.000	ng		0.00
76) Chrysene-d12	14.033	240	158385	20.000	ng	#	0.00
86) Perylene-d12	15.504	264	152254	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	591761	120.264	ng		0.02
7) Phenol-d6	6.510	99	772729	119.645	ng		0.00
23) Nitrobenzene-d5	7.445	82	524941	81.820	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	206076	116.653	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	960651	81.197	ng		0.00
79) Terphenyl-d14	12.980	244	885307	91.747	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	72780	36.867	ng		98
3) Pyridine	3.522	79	190927	43.866	ng		98
4) n-Nitrosodimethylamine	3.481	42	152311	40.373	ng		88
6) Aniline	6.540	93	219189	44.971	ng	#	80
8) 2-Chlorophenol	6.663	128	225438	44.508	ng		99
9) Benzaldehyde	6.428	77	46494	12.460	ng		98
10) Phenol	6.528	94	289309	43.982	ng		92
11) bis(2-Chloroethyl)ether	6.616	93	214823	42.968	ng		100
12) 1,3-Dichlorobenzene	6.822	146	238133	41.340	ng		99
13) 1,4-Dichlorobenzene	6.898	146	245333	42.146	ng		98
14) 1,2-Dichlorobenzene	7.045	146	231045	42.005	ng		99
15) Benzyl Alcohol	7.022	79	222275	43.137	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	393144	51.024	ng		98
17) 2-Methylphenol	7.134	107	180780	44.923	ng		99
18) Hexachloroethane	7.392	117	93814	42.312	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	174113	45.493	ng		99
20) 3+4-Methylphenols	7.287	107	235106	42.822	ng		91
22) Acetophenone	7.287	105	322139	40.854	ng		99
24) Nitrobenzene	7.463	77	265810	40.255	ng		98
25) Isophorone	7.698	82	463088	45.640	ng		99
26) 2-Nitrophenol	7.775	139	119546	46.469	ng		95
27) 2,4-Dimethylphenol	7.810	122	184145	54.265	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	263025	45.484	ng		98
29) 2,4-Dichlorophenol	8.016	162	188413	43.705	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	202227	40.260	ng		99
31) Naphthalene	8.181	128	667228	42.374	ng		100
32) Benzoic acid	7.934	122	124316	39.146	ng		95
33) 4-Chloroaniline	8.228	127	112703	23.396	ng		98
34) Hexachlorobutadiene	8.298	225	134700	39.471	ng		99
35) Caprolactam	8.604	113	59465m	44.842	ng		
36) 4-Chloro-3-methylphenol	8.716	107	214295	43.495	ng		97
37) 2-Methylnaphthalene	8.875	142	437071	43.731	ng		98
38) 1-Methylnaphthalene	8.975	142	401791	40.948	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	207462	42.186	ng		99
41) Hexachlorocyclopentadiene	9.022	237	255008	148.513	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	143317	44.794	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143322	42.467	ng	98
46) 1,1'-Biphenyl	9.339	154	541275	42.401	ng	100
47) 2-Chloronaphthalene	9.363	162	401242	42.037	ng	99
48) 2-Nitroaniline	9.457	65	154553	43.534	ng	99
49) Acenaphthylene	9.781	152	666974	46.421	ng	100
50) Dimethylphthalate	9.639	163	481411	44.203	ng	99
51) 2,6-Dinitrotoluene	9.698	165	106220	44.026	ng	97
52) Acenaphthene	9.951	154	481335	48.000	ng	100
53) 3-Nitroaniline	9.869	138	67784	28.112	ng	93
54) 2,4-Dinitrophenol	9.975	184	121702	90.525	ng	90
55) Dibenzofuran	10.122	168	607258	43.447	ng	96
56) 4-Nitrophenol	10.033	139	155901	78.140	ng	86
57) 2,4-Dinitrotoluene	10.104	165	143557	44.072	ng	97
58) Fluorene	10.463	166	474636	41.621	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	123822	44.352	ng	98
60) Diethylphthalate	10.333	149	489101	43.518	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	232892	42.022	ng	94
62) 4-Nitroaniline	10.481	138	101177	38.448	ng	92
63) Azobenzene	10.616	77	490906	44.409	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	75057	47.332	ng	98
66) n-Nitrosodiphenylamine	10.575	169	409152	46.578	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	136972	46.003	ng	98
68) Hexachlorobenzene	11.010	284	152337	43.595	ng	99
69) Atrazine	11.098	200	131988	63.114	ng	99
70) Pentachlorophenol	11.204	266	173344	82.671	ng	97
71) Phenanthrene	11.428	178	651786	44.964	ng	99
72) Anthracene	11.475	178	661157	46.650	ng	99
73) Carbazole	11.633	167	579135	42.694	ng	99
74) Di-n-butylphthalate	11.957	149	692879	45.853	ng	99
75) Fluoranthene	12.610	202	652157	42.128	ng	99
77) Benzidine	12.733	184	148923	65.628	ng	100
78) Pyrene	12.839	202	648371	47.676	ng	100
80) Butylbenzylphthalate	13.457	149	226461	48.922	ng	98
81) Benzo(a)anthracene	14.027	228	489459	46.653	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	103915	33.822	ng	97
83) Chrysene	14.063	228	430514	44.603	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	290629	49.354	ng	100
85) Di-n-octyl phthalate	14.621	149	446155	51.446	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	424574	46.896	ng	98
88) Benzo(b)fluoranthene	15.074	252	458253	48.802	ng	99
89) Benzo(k)fluoranthene	15.104	252	372079	42.976	ng	99
90) Benzo(a)pyrene	15.445	252	387589	49.770	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	345802	46.223	ng	99
92) Benzo(g,h,i)perylene	17.427	276	309635	41.802	ng	97

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

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