Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
Data File : BF138354.D
Acq On : 26 Jun 2024 16:20
Operator : CG\JU
Sample : PB161745BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 27 01:53:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB161745BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	304487	20.000	ng		-0.01
21) Naphthalene-d8	8.163	136	1205824	20.000	ng		-0.01
39) Acenaphthene-d10	9.922	164	680545	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	1230596	20.000	ng		-0.01
76) Chrysene-d12	14.039	240	623420	20.000	ng		-0.01
86) Perylene-d12	15.510	264	662744	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	2082057	114.387	ng		0.00
7) Phenol-d6	6.522	99	2602056	112.737	ng		0.00
23) Nitrobenzene-d5	7.451	82	1638501	79.106	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	882438	130.250	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2978602	69.597	ng		0.00
79) Terphenyl-d14	12.992	244	3247582	82.506	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	241980	29.050	ng		95
3) Pyridine	3.493	79	591833	29.895	ng		96
4) n-Nitrosodimethylamine	3.457	42	332542	36.294	ng		90
6) Aniline	6.545	93	694902	30.770	ng		99
8) 2-Chlorophenol	6.669	128	899219	45.695	ng		99
9) Benzaldehyde	6.434	77	540480	44.089	ng		100
10) Phenol	6.534	94	997992	42.607	ng		92
11) bis(2-Chloroethyl)ether	6.622	93	813707	43.406	ng		98
12) 1,3-Dichlorobenzene	6.822	146	893338	39.945	ng		99
13) 1,4-Dichlorobenzene	6.898	146	896129	39.817	ng		99
14) 1,2-Dichlorobenzene	7.051	146	876543	41.488	ng		99
15) Benzyl Alcohol	7.028	79	714375	45.904	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1023296	38.677	ng		95
17) 2-Methylphenol	7.139	107	684287	44.074	ng		98
18) Hexachloroethane	7.392	117	322117	42.246	ng		94
19) n-Nitroso-di-n-propyla...	7.304	70	555537	40.606	ng		96
20) 3+4-Methylphenols	7.292	107	770735	39.440	ng		98
22) Acetophenone	7.298	105	1062127	38.558	ng	#	98
24) Nitrobenzene	7.469	77	847146	39.572	ng		93
25) Isophorone	7.704	82	1580177	42.177	ng		99
26) 2-Nitrophenol	7.781	139	482862	56.093	ng		97
27) 2,4-Dimethylphenol	7.816	122	602042	45.970	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	972541	41.468	ng		100
29) 2,4-Dichlorophenol	8.022	162	730884	43.347	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	797559	40.109	ng		98
31) Naphthalene	8.186	128	2352148	39.449	ng		100
32) Benzoic acid	7.963	122	591376	51.234	ng		99
33) 4-Chloroaniline	8.234	127	506446	22.726	ng		97
34) Hexachlorobutadiene	8.298	225	458451	39.421	ng		99
35) Caprolactam	8.616	113	256503m	50.390	ng		
36) 4-Chloro-3-methylphenol	8.722	107	745633	44.415	ng		99
37) 2-Methylnaphthalene	8.875	142	1566209	40.024	ng		99
38) 1-Methylnaphthalene	8.975	142	1464689	38.196	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	792566	39.854	ng		99
41) Hexachlorocyclopentadiene	9.028	237	720505	111.112	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	556570	44.697	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	592379	43.320	ng		97
46) 1,1'-Biphenyl	9.345	154	1936708	38.783	ng		97
47) 2-Chloronaphthalene	9.369	162	1537247	38.951	ng		99
48) 2-Nitroaniline	9.463	65	456948	48.077	ng		95
49) Acenaphthylene	9.786	152	2349785	42.460	ng		100
50) Dimethylphthalate	9.645	163	1870050	44.848	ng		100
51) 2,6-Dinitrotoluene	9.710	165	440844	48.734	ng	#	80
52) Acenaphthene	9.957	154	1656166m	43.887	ng		
53) 3-Nitroaniline	9.875	138	337579	34.933	ng		94
54) 2,4-Dinitrophenol	9.986	184	490286	98.149	ng	#	90
55) Dibenzofuran	10.128	168	2135026	40.471	ng		99
56) 4-Nitrophenol	10.045	139	711580	93.179	ng		88
57) 2,4-Dinitrotoluene	10.110	165	590030	52.883	ng	#	91
58) Fluorene	10.469	166	1645700	39.677	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	502045	46.977	ng		99
60) Diethylphthalate	10.345	149	1789131	45.209	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	843682	40.842	ng		96
62) 4-Nitroaniline	10.498	138	431818	44.723	ng		94
63) Azobenzene	10.622	77	1653745	41.711	ng		94
65) 4,6-Dinitro-2-methylph...	10.522	198	343355	53.780	ng		79
66) n-Nitrosodiphenylamine	10.580	169	1558370	41.363	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	587666	42.380	ng		96
68) Hexachlorobenzene	11.016	284	674935	41.708	ng		96
69) Atrazine	11.110	200	491228	45.777	ng		97
70) Pentachlorophenol	11.210	266	759027	80.425	ng		97
71) Phenanthrene	11.433	178	2462246	40.459	ng		100
72) Anthracene	11.486	178	2473296	40.933	ng		100
73) Carbazole	11.639	167	2137993	38.579	ng		100
74) Di-n-butylphthalate	11.963	149	2628273	45.811	ng		100
75) Fluoranthene	12.616	202	2397141	38.628	ng		99
77) Benzidine	12.733	184	212103	29.414	ng		99
78) Pyrene	12.845	202	2345670	43.621	ng		99
80) Butylbenzylphthalate	13.463	149	858504	58.694	ng		96
81) Benzo(a)anthracene	14.033	228	1742988	43.580	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	498306	45.243	ng		99
83) Chrysene	14.068	228	1665620	43.691	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	1041031	61.194	ng		98
85) Di-n-octyl phthalate	14.633	149	1730492	68.472	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	2167937	50.179	ng		100
88) Benzo(b)fluoranthene	15.080	252	1808518	46.274	ng		98
89) Benzo(k)fluoranthene	15.115	252	1659541	43.327	ng		99
90) Benzo(a)pyrene	15.451	252	1614140	48.074	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	1753793	49.455	ng		100
92) Benzo(g,h,i)perylene	17.451	276	1692344	46.130	ng		99

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

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