Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138327.D
Acq On : 25 Jun 2024 11:16
Operator : CG\JU
Sample : PB161675BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 26 07:13:34 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 :
PB161675BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	225165	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	915128	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	510403	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	887267	20.000	ng	0.00
76) Chrysene-d12	14.051	240	508648	20.000	ng	0.00
86) Perylene-d12	15.521	264	564989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1567398	116.447	ng	0.01
7) Phenol-d6	6.528	99	1934713	113.353	ng	0.00
23) Nitrobenzene-d5	7.451	82	1257551	80.000	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	659030	129.700	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2450363	76.340	ng	0.00
79) Terphenyl-d14	12.998	244	2510712	78.179	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	198207	32.178	ng	97
3) Pyridine	3.510	79	479587	32.759	ng	96
4) n-Nitrosodimethylamine	3.469	42	258807	38.198	ng	93
6) Aniline	6.551	93	484977	29.040	ng	98
8) 2-Chlorophenol	6.675	128	655091	45.017	ng	100
9) Benzaldehyde	6.439	77	619604	68.349	ng	99
10) Phenol	6.539	94	750616	43.335	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	588822	42.475	ng	99
12) 1,3-Dichlorobenzene	6.828	146	675731	40.859	ng	99
13) 1,4-Dichlorobenzene	6.904	146	680206	40.870	ng	100
14) 1,2-Dichlorobenzene	7.057	146	662708	42.416	ng	98
15) Benzyl Alcohol	7.028	79	526950	45.789	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	768713	39.290	ng	95
17) 2-Methylphenol	7.139	107	506353	44.102	ng	97
18) Hexachloroethane	7.398	117	247520	43.899	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	422721	41.783	ng	98
20) 3+4-Methylphenols	7.292	107	600447	41.550	ng	95
22) Acetophenone	7.298	105	828137	39.614	ng	95
24) Nitrobenzene	7.469	77	639783	39.379	ng	96
25) Isophorone	7.710	82	1192871	41.953	ng	100
26) 2-Nitrophenol	7.786	139	359229	54.987	ng	99
27) 2,4-Dimethylphenol	7.822	122	454004	45.678	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	749111	42.088	ng	100
29) 2,4-Dichlorophenol	8.028	162	551439	43.094	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	612363	40.578	ng	99
31) Naphthalene	8.192	128	1830562	40.454	ng	99
32) Benzoic acid	7.957	122	425930	48.622	ng	100
33) 4-Chloroaniline	8.233	127	336849	19.917	ng	99
34) Hexachlorobutadiene	8.304	225	363122	41.143	ng	99
35) Caprolactam	8.616	113	180526m	46.730	ng	
36) 4-Chloro-3-methylphenol	8.722	107	569440	44.694	ng	96
37) 2-Methylnaphthalene	8.880	142	1236688	41.642	ng	99
38) 1-Methylnaphthalene	8.980	142	1149572	39.501	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	620173	41.581	ng	99
41) Hexachlorocyclopentadiene	9.033	237	624926	128.498	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	421122	45.093	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	440871	42.987	ng		97
46) 1,1'-Biphenyl	9.345	154	1539342	41.101	ng		98
47) 2-Chloronaphthalene	9.374	162	1198389	40.487	ng		98
48) 2-Nitroaniline	9.469	65	340851	47.817	ng		95
49) Acenaphthylene	9.786	152	1835607	44.226	ng		99
50) Dimethylphthalate	9.651	163	1414220	45.222	ng		99
51) 2,6-Dinitrotoluene	9.710	165	322069	47.472	ng		92
52) Acenaphthene	9.963	154	1272455m	44.959	ng		
53) 3-Nitroaniline	9.880	138	215105	29.679	ng		89
54) 2,4-Dinitrophenol	9.986	184	353719	95.511	ng		96
55) Dibenzofuran	10.133	168	1645719	41.595	ng		100
56) 4-Nitrophenol	10.045	139	482943	84.321	ng		94
57) 2,4-Dinitrotoluene	10.116	165	426447	50.963	ng		96
58) Fluorene	10.474	166	1266208	40.704	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	368600	45.988	ng		99
60) Diethylphthalate	10.351	149	1350829	45.512	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	653546	42.184	ng		96
62) 4-Nitroaniline	10.498	138	299097	41.304	ng		95
63) Azobenzene	10.627	77	1239180	41.673	ng		95
65) 4,6-Dinitro-2-methylph...	10.521	198	240100	52.368	ng		91
66) n-Nitrosodiphenylamine	10.586	169	1147725	42.252	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	435517	43.561	ng	#	93
68) Hexachlorobenzene	11.021	284	498489	42.724	ng		96
69) Atrazine	11.110	200	360594	46.606	ng		98
70) Pentachlorophenol	11.216	266	547045	80.393	ng		98
71) Phenanthrene	11.439	178	1844071	42.027	ng		99
72) Anthracene	11.492	178	1866542	42.845	ng		98
73) Carbazole	11.645	167	1577442	39.478	ng		99
74) Di-n-butylphthalate	11.968	149	1919389	46.400	ng		99
75) Fluoranthene	12.627	202	1742261	38.939	ng		97
77) Benzidine	12.739	184	201669	34.278	ng		98
78) Pyrene	12.851	202	1732491	39.488	ng		98
80) Butylbenzylphthalate	13.468	149	609920	51.107	ng		99
81) Benzo(a)anthracene	14.039	228	1458351	44.690	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	366556	40.791	ng		99
83) Chrysene	14.074	228	1394029	44.818	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	881429	63.503	ng		100
85) Di-n-octyl phthalate	14.639	149	1545090	74.931	ng		98
87) Indeno(1,2,3-cd)pyrene	17.015	276	1927053	52.320	ng		100
88) Benzo(b)fluoranthene	15.092	252	1460817	43.844	ng		98
89) Benzo(k)fluoranthene	15.121	252	1492042	45.694	ng		99
90) Benzo(a)pyrene	15.462	252	1353339	47.281	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	1560994	51.634	ng		99
92) Benzo(g,h,i)perylene	17.468	276	1496475	47.849	ng		99

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

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