Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138858.D
Acq On : 08 Aug 2024 11:19
Operator : RC/JU
Sample : PB162396BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 08 12:41:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB162396BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
08/09/2024
Supervised By :mohammad ahmed
08/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	50684	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	205625	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	113495	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	193771	20.000	ng		0.00
76) Chrysene-d12	13.998	240	94221	20.000	ng		0.00
86) Perylene-d12	15.457	264	86275	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	426672	129.949	ng		0.02
7) Phenol-d6	6.492	99	566845	128.586	ng		0.00
23) Nitrobenzene-d5	7.410	82	364494	86.665	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	129426	139.216	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	675306	89.400	ng		0.00
79) Terphenyl-d14	12.939	244	638139	113.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	44949	31.269	ng		95
3) Pyridine	3.469	79	115969	33.303	ng		96
4) n-Nitrosodimethylamine	3.440	42	103255	49.787	ng		85
6) Aniline	6.510	93	133438	33.942	ng	#	29
8) 2-Chlorophenol	6.634	128	165317	47.856	ng		96
9) Benzaldehyde	6.398	77	103285	39.085	ng		98
10) Phenol	6.504	94	222883	48.021	ng		83
11) bis(2-Chloroethyl)ether	6.581	93	151991	42.554	ng		99
12) 1,3-Dichlorobenzene	6.781	146	169140	43.741	ng		99
13) 1,4-Dichlorobenzene	6.857	146	173264	44.399	ng		100
14) 1,2-Dichlorobenzene	7.010	146	163691	44.883	ng		99
15) Benzyl Alcohol	6.992	79	155272	48.870	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	251019	40.838	ng	#	46
17) 2-Methylphenol	7.110	107	133532	46.812	ng	#	86
18) Hexachloroethane	7.345	117	63086	42.946	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	126383	47.467	ng		99
20) 3+4-Methylphenols	7.263	107	178485	48.768	ng	#	77
22) Acetophenone	7.257	105	222684	44.230	ng		96
24) Nitrobenzene	7.428	77	188107	43.954	ng		100
25) Isophorone	7.669	82	325943	45.386	ng		98
26) 2-Nitrophenol	7.745	139	88200	47.902	ng		97
27) 2,4-Dimethylphenol	7.781	122	112724	51.169	ng		97
28) bis(2-Chloroethoxy)met...	7.875	93	190383	43.533	ng		99
29) 2,4-Dichlorophenol	7.992	162	136649	48.272	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	148449	45.441	ng		98
31) Naphthalene	8.145	128	490894	45.355	ng		99
32) Benzoic acid	7.939	122	60818	35.120	ng		95
33) 4-Chloroaniline	8.198	127	92462	25.449	ng		98
34) Hexachlorobutadiene	8.251	225	90294	45.633	ng		99
35) Caprolactam	8.586	113	36502m	43.214	ng		
36) 4-Chloro-3-methylphenol	8.692	107	156886	48.493	ng		99
37) 2-Methylnaphthalene	8.833	142	319854	46.792	ng		100
38) 1-Methylnaphthalene	8.933	142	295954	44.184	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	135460	42.966	ng		98
41) Hexachlorocyclopentadiene	8.980	237	96254	112.268	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	88410	45.992	ng		99

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44) 2,4,5-Trichlorophenol	9.169	196	93338	44.416	ng		96
46) 1,1'-Biphenyl	9.298	154	377279	42.445	ng		99
47) 2-Chloronaphthalene	9.328	162	295716	44.732	ng		99
48) 2-Nitroaniline	9.428	65	106316	47.438	ng		97
49) Acenaphthylene	9.739	152	457976	48.845	ng		99
50) Dimethylphthalate	9.604	163	347313	47.859	ng		99
51) 2,6-Dinitrotoluene	9.669	165	77211	47.144	ng		90
52) Acenaphthene	9.910	154	282408	44.807	ng		99
53) 3-Nitroaniline	9.839	138	54308	32.076	ng		97
54) 2,4-Dinitrophenol	9.957	184	70730	93.816	ng		86
55) Dibenzofuran	10.086	168	422273	47.462	ng		99
56) 4-Nitrophenol	10.022	139	84304	82.802	ng		94
57) 2,4-Dinitrotoluene	10.080	165	102558	49.082	ng	#	83
58) Fluorene	10.427	166	342043	48.277	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	79647	49.575	ng		97
60) Diethylphthalate	10.298	149	344246	50.029	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	166685	47.835	ng		98
62) 4-Nitroaniline	10.463	138	72398	44.997	ng		88
63) Azobenzene	10.574	77	358846	47.021	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	57789	48.884	ng		98
66) n-Nitrosodiphenylamine	10.539	169	288282	47.596	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	96521	46.008	ng		99
68) Hexachlorobenzene	10.974	284	99992	46.161	ng		97
69) Atrazine	11.063	200	84670	54.183	ng		99
70) Pentachlorophenol	11.174	266	74053	75.845	ng		97
71) Phenanthrene	11.386	178	483513	48.460	ng		99
72) Anthracene	11.439	178	483474	49.187	ng		99
73) Carbazole	11.598	167	403908	47.629	ng		99
74) Di-n-butylphthalate	11.916	149	509726	53.469	ng		99
75) Fluoranthene	12.574	202	453065	48.640	ng		98
77) Benzidine	12.698	184	34149	15.153	ng		99
78) Pyrene	12.804	202	443456	49.988	ng		100
80) Butylbenzylphthalate	13.410	149	148793	52.377	ng		99
81) Benzo(a)anthracene	13.986	228	315413	48.613	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	58755	35.387	ng		98
83) Chrysene	14.027	228	273117	46.658	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	176488	42.426	ng		99
85) Di-n-octyl phthalate	14.574	149	286009	37.161	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	289065	46.753	ng		97
88) Benzo(b)fluoranthene	15.033	252	287658	53.786	ng		98
89) Benzo(k)fluoranthene	15.062	252	220049	47.521	ng		98
90) Benzo(a)pyrene	15.398	252	233439	51.891	ng		98
91) Dibenzo(a,h)anthracene	16.939	278	238208	46.935	ng		98
92) Benzo(g,h,i)perylene	17.374	276	222322	42.213	ng		97

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

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