Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138861.D
Acq On : 08 Aug 2024 12:51
Operator : RC/JU
Sample : PB162342BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 08 13:20:32 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 :
PB162342BS

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	6.840	152	47949	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	200445	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	112460	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	189793	20.000	ng		0.00
76) Chrysene-d12	13.998	240	93673	20.000	ng		0.00
86) Perylene-d12	15.457	264	85672	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	407208	131.095	ng		0.02
7) Phenol-d6	6.493	99	541115	129.751	ng		0.00
23) Nitrobenzene-d5	7.410	82	353228	86.157	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	124992	135.684	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	649224	86.738	ng		0.00
79) Terphenyl-d14	12.939	244	628928	112.412	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	43787	32.198	ng		95
3) Pyridine	3.469	79	111018	33.700	ng		96
4) n-Nitrosodimethylamine	3.434	42	99506	50.716	ng		86
6) Aniline	6.504	93	125984	33.874	ng	#	8
8) 2-Chlorophenol	6.634	128	163293	49.966	ng		96
9) Benzaldehyde	6.398	77	102692	41.078	ng		99
10) Phenol	6.504	94	204606	46.597	ng		83
11) bis(2-Chloroethyl)ether	6.581	93	147270	43.584	ng		98
12) 1,3-Dichlorobenzene	6.781	146	162776	44.496	ng		99
13) 1,4-Dichlorobenzene	6.857	146	166094	44.990	ng		99
14) 1,2-Dichlorobenzene	7.010	146	160682	46.571	ng		99
15) Benzyl Alcohol	6.993	79	149702	49.804	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	242963	41.782	ng	#	48
17) 2-Methylphenol	7.104	107	127990	47.428	ng	#	89
18) Hexachloroethane	7.345	117	63207	45.483	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	123534	49.044	ng		100
20) 3+4-Methylphenols	7.263	107	174028	50.262	ng	#	76
22) Acetophenone	7.257	105	214864	43.779	ng		96
24) Nitrobenzene	7.428	77	183672	44.027	ng		99
25) Isophorone	7.669	82	321166	45.877	ng		99
26) 2-Nitrophenol	7.745	139	85298	47.523	ng		96
27) 2,4-Dimethylphenol	7.781	122	108640	50.589	ng		95
28) bis(2-Chloroethoxy)met...	7.875	93	186084	43.649	ng		99
29) 2,4-Dichlorophenol	7.992	162	133967	48.547	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	143867	45.177	ng		98
31) Naphthalene	8.145	128	472973	44.828	ng		99
32) Benzoic acid	7.940	122	60838	36.040	ng		92
33) 4-Chloroaniline	8.198	127	71252	20.118	ng		98
34) Hexachlorobutadiene	8.251	225	85658	44.409	ng		99
35) Caprolactam	8.587	113	35968m	43.682	ng		
36) 4-Chloro-3-methylphenol	8.692	107	152794	48.449	ng		100
37) 2-Methylnaphthalene	8.834	142	307255	46.111	ng		99
38) 1-Methylnaphthalene	8.934	142	285607	43.741	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	131996	42.252	ng		99
41) Hexachlorocyclopentadiene	8.981	237	89949	106.275	ng		100
43) 2,4,6-Trichlorophenol	9.122	196	85783	45.037	ng		99

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44) 2,4,5-Trichlorophenol	9.169	196	91585	43.983	ng		97
46) 1,1'-Biphenyl	9.298	154	371059	42.129	ng		99
47) 2-Chloronaphthalene	9.328	162	292670	44.679	ng		98
48) 2-Nitroaniline	9.428	65	103630	46.665	ng		96
49) Acenaphthylene	9.739	152	451111	48.555	ng		99
50) Dimethylphthalate	9.604	163	342149	47.581	ng		99
51) 2,6-Dinitrotoluene	9.669	165	74593	45.964	ng	#	86
52) Acenaphthene	9.910	154	274688	43.983	ng		100
53) 3-Nitroaniline	9.839	138	50511	30.108	ng		95
54) 2,4-Dinitrophenol	9.957	184	67408	90.233	ng		85
55) Dibenzofuran	10.086	168	413890	46.948	ng		99
56) 4-Nitrophenol	10.022	139	79973	79.271	ng		89
57) 2,4-Dinitrotoluene	10.081	165	98813	47.725	ng	#	80
58) Fluorene	10.428	166	334002	47.576	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	77880	48.921	ng		98
60) Diethylphthalate	10.298	149	339540	49.799	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	161605	46.804	ng		96
62) 4-Nitroaniline	10.463	138	68889	43.210	ng		86
63) Azobenzene	10.575	77	348187	46.044	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	55405	47.850	ng		98
66) n-Nitrosodiphenylamine	10.539	169	280774	47.328	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	93879	45.686	ng		98
68) Hexachlorobenzene	10.975	284	98779	46.557	ng		95
69) Atrazine	11.063	200	84309	55.082	ng		97
70) Pentachlorophenol	11.175	266	72252	75.552	ng		98
71) Phenanthrene	11.386	178	468009	47.889	ng		100
72) Anthracene	11.439	178	470406	48.860	ng		99
73) Carbazole	11.598	167	395770	47.648	ng		99
74) Di-n-butylphthalate	11.916	149	509061	54.518	ng		99
75) Fluoranthene	12.575	202	439366	48.158	ng		98
77) Benzidine	12.698	184	34462	15.381	ng		98
78) Pyrene	12.804	202	433812	49.187	ng		100
80) Butylbenzylphthalate	13.410	149	146227	51.775	ng		99
81) Benzo(a)anthracene	13.986	228	309246	47.941	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	58875	35.666	ng		99
83) Chrysene	14.027	228	271424	46.640	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	176307	42.631	ng		98
85) Di-n-octyl phthalate	14.574	149	280277	36.629	ng		98
87) Indeno(1,2,3-cd)pyrene	16.939	276	294413	47.953	ng		96
88) Benzo(b)fluoranthene	15.033	252	277596	52.270	ng		99
89) Benzo(k)fluoranthene	15.063	252	234346	50.965	ng		99
90) Benzo(a)pyrene	15.398	252	238848	53.467	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	239969	47.615	ng		97
92) Benzo(g,h,i)perylene	17.374	276	220730	42.206	ng		97

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

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