Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139190.D
Acq On : 27 Aug 2024 16:50
Operator : RC/JU
Sample : P3732-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 27 17:27:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
UI-5MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	103054	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	383589	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	222997	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	371504	20.000	ng	0.00
76) Chrysene-d12	14.051	240	208706	20.000	ng	0.00
86) Perylene-d12	15.521	264	181108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	638618	104.131	ng	0.01
7) Phenol-d6	6.522	99	875658	104.037	ng	0.00
23) Nitrobenzene-d5	7.457	82	567784	82.003	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	235222	123.162	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	942721	65.668	ng	0.00
79) Terphenyl-d14	12.998	244	920755	68.837	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	109917	37.898	ng	98
3) Pyridine	3.487	79	309195	42.897	ng	99
4) n-Nitrosodimethylamine	3.434	42	186256	44.386	ng	97
6) Aniline	6.557	93	339298	43.004	ng	99
8) 2-Chlorophenol	6.675	128	307087	52.704	ng	99
9) Benzaldehyde	6.439	77	133560	25.353	ng	99
10) Phenol	6.534	94	432221	50.883	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	307509	45.946	ng	99
12) 1,3-Dichlorobenzene	6.834	146	334714	43.562	ng	100
13) 1,4-Dichlorobenzene	6.910	146	337290	43.753	ng	100
14) 1,2-Dichlorobenzene	7.063	146	327730	45.185	ng	98
15) Benzyl Alcohol	7.034	79	334267	52.689	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	471578	48.605	ng	97
17) 2-Methylphenol	7.145	107	262918	49.498	ng	98
18) Hexachloroethane	7.404	117	119679	49.070	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	257938	51.238	ng	99
20) 3+4-Methylphenols	7.298	107	336117	49.608	ng	98
22) Acetophenone	7.304	105	449995	45.657	ng	99
24) Nitrobenzene	7.475	77	383285	47.544	ng	97
25) Isophorone	7.716	82	693593	50.655	ng	100
26) 2-Nitrophenol	7.792	139	152175	58.647	ng	97
27) 2,4-Dimethylphenol	7.828	122	254618	62.739	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	388888	49.056	ng	99
29) 2,4-Dichlorophenol	8.028	162	273100	54.519	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	282204	43.686	ng	100
31) Naphthalene	8.198	128	900212	45.897	ng	100
32) Benzoic acid	7.945	122	180902	51.302	ng	98
33) 4-Chloroaniline	8.239	127	119812	17.726	ng	99
34) Hexachlorobutadiene	8.310	225	190153	45.299	ng	99
35) Caprolactam	8.616	113	93603m	60.912	ng	
36) 4-Chloro-3-methylphenol	8.722	107	307011	53.440	ng	99
37) 2-Methylnaphthalene	8.886	142	595871	48.461	ng	100
38) 1-Methylnaphthalene	8.986	142	554496	46.139	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	301016	45.509	ng	99
41) Hexachlorocyclopentadiene	9.039	237	309019	145.496	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	206931	55.951	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	216333	55.804	ng		99
46) 1,1'-Biphenyl	9.351	154	748977	46.402	ng		99
47) 2-Chloronaphthalene	9.375	162	583532	45.315	ng		98
48) 2-Nitroaniline	9.469	65	206191	53.624	ng		97
49) Acenaphthylene	9.792	152	920105	50.709	ng		99
50) Dimethylphthalate	9.651	163	723843	56.191	ng		100
51) 2,6-Dinitrotoluene	9.710	165	154244	55.084	ng		93
52) Acenaphthene	9.963	154	637407	53.475	ng		99
53) 3-Nitroaniline	9.880	138	105625	38.531	ng		96
54) 2,4-Dinitrophenol	9.986	184	131947	92.506	ng	#	48
55) Dibenzofuran	10.133	168	837715	48.156	ng		99
56) 4-Nitrophenol	10.039	139	230345	96.756	ng		99
57) 2,4-Dinitrotoluene	10.116	165	201551	56.448	ng		94
58) Fluorene	10.475	166	657511	47.909	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	184179	59.278	ng		99
60) Diethylphthalate	10.351	149	715558	58.988	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	329025	48.851	ng		100
62) 4-Nitroaniline	10.498	138	143920	50.525	ng		97
63) Azobenzene	10.627	77	759270	51.488	ng		100
65) 4,6-Dinitro-2-methylph...	10.522	198	91379	58.976	ng		92
66) n-Nitrosodiphenylamine	10.586	169	581655	52.866	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	206534	52.323	ng		99
68) Hexachlorobenzene	11.022	284	210207	49.207	ng		99
69) Atrazine	11.116	200	201572	83.994	ng		99
70) Pentachlorophenol	11.216	266	252483	100.670	ng		99
71) Phenanthrene	11.439	178	919403	48.974	ng		100
72) Anthracene	11.492	178	936996	51.202	ng		100
73) Carbazole	11.645	167	776552	47.436	ng		100
74) Di-n-butylphthalate	11.974	149	1038488	73.192	ng		99
75) Fluoranthene	12.621	202	825186	45.293	ng		99
77) Benzidine	12.745	184	348943	99.081	ng		99
78) Pyrene	12.851	202	818160	41.733	ng		100
80) Butylbenzylphthalate	13.474	149	335174	79.935	ng		99
81) Benzo(a)anthracene	14.039	228	672266	48.615	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	151338	47.005	ng		99
83) Chrysene	14.074	228	644366	51.656	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	435059	84.544	ng		99
85) Di-n-octyl phthalate	14.645	149	707351	71.217	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	438578	35.416	ng		99
88) Benzo(b)fluoranthene	15.092	252	572578	54.046	ng		99
89) Benzo(k)fluoranthene	15.121	252	568524	59.355	ng		99
90) Benzo(a)pyrene	15.462	252	502498	55.880	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	363910	35.854	ng		99
92) Benzo(g,h,i)perylene	17.445	276	308892	29.422	ng		100

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

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