Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
Data File : BF135719.D
Acq On : 11 Oct 2023 18:14
Operator : CG\JU
Sample : 04812-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 12 00:49:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	94043	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	371121	20.000	ng		0.00
39) Acenaphthene-d10	9.781	164	191204	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	366812	20.000	ng		0.00
76) Chrysene-d12	13.939	240	165878	20.000	ng	#	0.00
86) Perylene-d12	15.404	264	203926	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	818128	141.493	ng		0.03
7) Phenol-d6	6.398	99	963716	131.077	ng		0.00
23) Nitrobenzene-d5	7.310	82	648120	94.880	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	272530	143.429	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1242681	98.055	ng		0.00
79) Terphenyl-d14	12.869	244	1088631	101.737	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	142380	56.171	ng	#	82
3) Pyridine	3.387	79	266814	39.111	ng		97
4) n-Nitrosodimethylamine	3.304	42	216994	59.941	ng		94
6) Aniline	6.416	93	144907	15.030	ng	#	1
8) 2-Chlorophenol	6.540	128	370269	59.987	ng		95
9) Benzaldehyde	6.304	77	138114	32.975	ng		98
10) Phenol	6.416	94	390942	48.491	ng		99
11) bis(2-Chloroethyl)ether	6.487	93	383899	63.481	ng		98
12) 1,3-Dichlorobenzene	6.681	146	335177	53.432	ng		99
13) 1,4-Dichlorobenzene	6.757	146	340913	53.417	ng		100
14) 1,2-Dichlorobenzene	6.910	146	308997	52.135	ng		98
15) Benzyl Alcohol	6.898	79	277942	52.681	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	591683	51.907	ng	#	40
17) 2-Methylphenol	7.016	107	275993	50.669	ng	#	86
18) Hexachloroethane	7.240	117	123729	52.469	ng		93
19) n-Nitroso-di-n-propyla...	7.163	70	239259	52.538	ng		96
20) 3+4-Methylphenols	7.175	107	350462	53.508	ng	#	63
22) Acetophenone	7.157	105	474972	55.979	ng	#	89
24) Nitrobenzene	7.334	77	365772	54.175	ng		97
25) Isophorone	7.569	82	678338	54.079	ng		99
26) 2-Nitrophenol	7.645	139	187784	57.950	ng		97
27) 2,4-Dimethylphenol	7.687	122	272432	50.017	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	428179	57.033	ng		100
29) 2,4-Dichlorophenol	7.892	162	299450	59.331	ng		97
30) 1,2,4-Trichlorobenzene	7.963	180	299783	56.827	ng		98
31) Naphthalene	8.039	128	1016112	56.352	ng		99
32) Benzoic acid	7.839	122	124138	30.267	ng		94
33) 4-Chloroaniline	8.116	127	67188m	8.493	ng		
34) Hexachlorobutadiene	8.151	225	186472	58.622	ng		97
35) Caprolactam	8.486	113	86319m	50.959	ng		
36) 4-Chloro-3-methylphenol	8.604	107	339484	60.520	ng		98
37) 2-Methylnaphthalene	8.734	142	658185	54.302	ng		99
38) 1-Methylnaphthalene	8.834	142	633149	55.794	ng		97
40) 1,2,4,5-Tetrachloroben...	8.904	216	325772	58.811	ng		100
41) Hexachlorocyclopentadiene	8.881	237	133067	56.870	ng		99
43) 2,4,6-Trichlorophenol	9.022	196	211420	58.293	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	219788	52.622	ng		99
46) 1,1'-Biphenyl	9.198	154	848693	57.759	ng		98
47) 2-Chloronaphthalene	9.228	162	624256	58.554	ng		99
48) 2-Nitroaniline	9.339	65	230082	55.551	ng		97
49) Acenaphthylene	9.639	152	990233	55.888	ng		99
50) Dimethylphthalate	9.510	163	722413	55.883	ng		99
51) 2,6-Dinitrotoluene	9.581	165	156883	55.397	ng		98
52) Acenaphthene	9.816	154	613917	58.653	ng		99
53) 3-Nitroaniline	9.751	138	68334	20.556	ng		97
54) 2,4-Dinitrophenol	9.881	184	44747	31.907	ng		99
55) Dibenzofuran	9.986	168	901205	56.423	ng		97
56) 4-Nitrophenol	9.945	139	135124	63.957	ng		95
57) 2,4-Dinitrotoluene	9.992	165	206651	58.288	ng	#	90
58) Fluorene	10.333	166	711710	57.962	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	187192	58.263	ng		98
60) Diethylphthalate	10.210	149	775792	59.797	ng		98
61) 4-Chlorophenyl-phenyle...	10.322	204	334763	56.755	ng		98
62) 4-Nitroaniline	10.375	138	167539m	52.431	ng		
63) Azobenzene	10.486	77	751689	59.201	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	57143	29.330	ng		94
66) n-Nitrosodiphenylamine	10.451	169	661019	59.524	ng		100
67) 4-Bromophenyl-phenylether	10.816	248	214986	58.929	ng		97
68) Hexachlorobenzene	10.880	284	228400	61.452	ng	#	88
69) Atrazine	10.986	200	209689	70.175	ng		99
70) Pentachlorophenol	11.086	266	131750	59.248	ng		98
71) Phenanthrene	11.298	178	1009005	58.161	ng		99
72) Anthracene	11.351	178	1025771	57.522	ng		99
73) Carbazole	11.516	167	905164	55.760	ng		99
74) Di-n-butylphthalate	11.839	149	1088208	56.889	ng		99
75) Fluoranthene	12.498	202	903220	49.965	ng		98
77) Benzidine	12.627	184	71018	20.898	ng		99
78) Pyrene	12.727	202	894977	56.670	ng		100
80) Butylbenzylphthalate	13.345	149	367400	66.074	ng		97
81) Benzo(a)anthracene	13.927	228	658893	61.514	ng		99
82) 3,3'-Dichlorobenzidine	13.886	252	106166	31.732	ng	#	97
83) Chrysene	13.963	228	609211	57.206	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	497437	87.179	ng		99
85) Di-n-octyl phthalate	14.521	149	817889	90.197	ng		100
87) Indeno(1,2,3-cd)pyrene	16.915	276	820712	61.381	ng		99
88) Benzo(b)fluoranthene	14.980	252	646982	58.607	ng		99
89) Benzo(k)fluoranthene	15.010	252	617484	56.625	ng		99
90) Benzo(a)pyrene	15.345	252	581735	55.259	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	670086	61.250	ng		98
92) Benzo(g,h,i)perylene	17.357	276	688592	60.268	ng		98

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

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