Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135377.D
Acq On : 21 Sep 2023 13:29
Operator : CG\JU
Sample : 04501-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 22 05:54:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	154968	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	577149	20.000	ng	#	0.00
39) Acenaphthene-d10	9.798	164	264602	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	402339	20.000	ng	#	0.00
76) Chrysene-d12	13.951	240	263611	20.000	ng		0.00
86) Perylene-d12	15.409	264	272156	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	688806	72.293	ng		0.01
7) Phenol-d6	6.404	99	873709	72.115	ng		0.00
23) Nitrobenzene-d5	7.322	82	536697	50.521	ng		-0.01
42) 2,4,6-Tribromophenol	10.592	330	152896	58.146	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	879084	50.124	ng		-0.01
79) Terphenyl-d14	12.880	244	637932	37.514	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	180676	43.256	ng		95
3) Pyridine	3.293	79	450284	40.055	ng		95
4) n-Nitrosodimethylamine	3.263	42	262110	43.938	ng		94
6) Aniline	6.428	93	350248	22.046	ng	#	84
8) 2-Chlorophenol	6.545	128	439613	43.221	ng		99
9) Benzaldehyde	6.310	77	126532	18.333	ng		96
10) Phenol	6.422	94	522154	39.304	ng		94
11) bis(2-Chloroethyl)ether	6.498	93	430449	43.195	ng		100
12) 1,3-Dichlorobenzene	6.698	146	428248	41.429	ng		97
13) 1,4-Dichlorobenzene	6.775	146	435194	41.381	ng		99
14) 1,2-Dichlorobenzene	6.928	146	412040	42.189	ng		98
15) Benzyl Alcohol	6.910	79	348721	40.111	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.039	45	801942	42.694	ng		94
17) 2-Methylphenol	7.022	107	353595	39.395	ng		98
18) Hexachloroethane	7.263	117	161873	41.657	ng		89
19) n-Nitroso-di-n-propyla...	7.175	70	272682	36.337	ng		94
20) 3+4-Methylphenols	7.175	107	392149	36.334	ng		93
22) Acetophenone	7.169	105	539075	40.854	ng	#	95
24) Nitrobenzene	7.345	77	451997	43.048	ng		97
25) Isophorone	7.580	82	829429	42.520	ng		97
26) 2-Nitrophenol	7.657	139	228880	45.418	ng		98
27) 2,4-Dimethylphenol	7.704	122	338880	40.007	ng		96
28) bis(2-Chloroethoxy)met...	7.792	93	520981	44.622	ng		100
29) 2,4-Dichlorophenol	7.904	162	333009	42.427	ng		98
30) 1,2,4-Trichlorobenzene	7.980	180	347289	42.332	ng		98
31) Naphthalene	8.063	128	1168230	41.660	ng		100
32) Benzoic acid	7.839	122	257817	40.420	ng		98
33) 4-Chloroaniline	8.116	127	149030	12.113	ng		97
34) Hexachlorobutadiene	8.175	225	198014	40.028	ng		99
35) Caprolactam	8.498	113	107360m	40.756	ng		
36) 4-Chloro-3-methylphenol	8.610	107	360170	41.287	ng		99
37) 2-Methylnaphthalene	8.751	142	728755	38.661	ng		98
38) 1-Methylnaphthalene	8.851	142	700895	39.716	ng		99
40) 1,2,4,5-Tetrachloroben...	8.922	216	333834	43.549	ng		100
41) Hexachlorocyclopentadiene	8.898	237	133248	43.192	ng		97
43) 2,4,6-Trichlorophenol	9.039	196	220188	43.870	ng		99

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44) 2,4,5-Trichlorophenol	9.086	196	237790	41.140	ng		97
46) 1,1'-Biphenyl	9.222	154	883801	43.464	ng		99
47) 2-Chloronaphthalene	9.245	162	657430	44.560	ng		99
48) 2-Nitroaniline	9.345	65	252081	43.980	ng		97
49) Acenaphthylene	9.657	152	1071046	43.681	ng		99
50) Dimethylphthalate	9.527	163	778169	43.498	ng		99
51) 2,6-Dinitrotoluene	9.592	165	168210	42.921	ng		91
52) Acenaphthene	9.833	154	621266	42.891	ng		97
53) 3-Nitroaniline	9.757	138	121780	26.472	ng		99
54) 2,4-Dinitrophenol	9.874	184	89115	43.174	ng		92
55) Dibenzofuran	10.004	168	869582	39.341	ng		99
56) 4-Nitrophenol	9.939	139	209580	71.682	ng		92
57) 2,4-Dinitrotoluene	9.998	165	180062	36.700	ng	#	83
58) Fluorene	10.351	166	682143	40.144	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	174000	39.134	ng		97
60) Diethylphthalate	10.227	149	738716	41.145	ng		99
61) 4-Chlorophenyl-phenyle...	10.339	204	308076	37.742	ng		98
62) 4-Nitroaniline	10.374	138	148649	33.616	ng		97
63) Azobenzene	10.504	77	719985	40.975	ng		99
65) 4,6-Dinitro-2-methylph...	10.410	198	65438	30.622	ng		95
66) n-Nitrosodiphenylamine	10.463	169	597019	49.014	ng		99
67) 4-Bromophenyl-phenylether	10.833	248	187098	46.756	ng		99
68) Hexachlorobenzene	10.898	284	184623	45.288	ng		93
69) Atrazine	10.998	200	174618	53.278	ng		99
70) Pentachlorophenol	11.098	266	169403	69.454	ng		98
71) Phenanthrene	11.316	178	1114814	58.585	ng		99
72) Anthracene	11.368	178	887278	45.363	ng		99
73) Carbazole	11.527	167	793089	44.542	ng		99
74) Di-n-butylphthalate	11.857	149	981874	46.798	ng		99
75) Fluoranthene	12.510	202	1192394	60.137	ng		99
77) Benzidine	12.639	184	405964	75.171	ng		99
78) Pyrene	12.739	202	1215300	48.423	ng		100
80) Butylbenzylphthalate	13.362	149	366050	41.425	ng		96
81) Benzo(a)anthracene	13.939	228	893344	52.482	ng		98
82) 3,3'-Dichlorobenzidine	13.904	252	234452	44.096	ng		99
83) Chrysene	13.974	228	866520	51.201	ng		99
84) Bis(2-ethylhexyl)phtha...	13.927	149	461668	50.913	ng		99
85) Di-n-octyl phthalate	14.545	149	887667	61.599	ng		99
87) Indeno(1,2,3-cd)pyrene	16.898	276	591799	33.165	ng		96
88) Benzo(b)fluoranthene	14.992	252	868479	58.949	ng	#	98
89) Benzo(k)fluoranthene	15.015	252	674477m	46.345	ng		
90) Benzo(a)pyrene	15.351	252	686668	48.874	ng		98
91) Dibenzo(a,h)anthracene	16.909	278	446216	30.562	ng		98
92) Benzo(g,h,i)perylene	17.345	276	476600	31.256	ng		97

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

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