Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
Data File : BF136192.D
Acq On : 24 Nov 2023 21:53
Operator : CG\JU
Sample : 05468-09MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 24 23:10:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 23:00:16 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-11MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	127532	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	550716	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	282249	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	519677	20.000	ng	0.00
76) Chrysene-d12	13.986	240	240068	20.000	ng	0.00
86) Perylene-d12	15.462	264	273958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1121439	140.012	ng	0.02
7) Phenol-d6	6.445	99	1379876	140.003	ng	0.00
23) Nitrobenzene-d5	7.375	82	849781	86.107	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	426591	144.308	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1700943	89.082	ng	0.00
79) Terphenyl-d14	12.927	244	1573426	93.034	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	142613	44.463	ng	94
3) Pyridine	3.387	79	353821	41.056	ng	95
4) n-Nitrosodimethylamine	3.357	42	213303	53.960	ng	92
6) Aniline	6.475	93	551290	44.132	ng	98
8) 2-Chlorophenol	6.592	128	494787	57.384	ng	96
9) Benzaldehyde	6.357	77	55010	9.654	ng	96
10) Phenol	6.463	94	636665	59.149	ng	91
11) bis(2-Chloroethyl)ether	6.551	93	443907	56.113	ng	96
12) 1,3-Dichlorobenzene	6.751	146	518912	57.053	ng	95
13) 1,4-Dichlorobenzene	6.828	146	534076	58.561	ng	94
14) 1,2-Dichlorobenzene	6.975	146	499092	58.223	ng	94
15) Benzyl Alcohol	6.951	79	422023	57.251	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.081	45	620679	60.057	ng	95
17) 2-Methylphenol	7.063	107	403031	56.023	ng	94
18) Hexachloroethane	7.316	117	184008	55.288	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	347165	61.020	ng	95
20) 3+4-Methylphenols	7.216	107	514385	57.293	ng	95
22) Acetophenone	7.222	105	737034	57.966	ng	95
24) Nitrobenzene	7.392	77	503045	52.377	ng	94
25) Isophorone	7.628	82	943511	55.399	ng	95
26) 2-Nitrophenol	7.704	139	226145	48.581	ng	99
27) 2,4-Dimethylphenol	7.745	122	363987	46.551	ng	93
28) bis(2-Chloroethoxy)met...	7.839	93	564233	54.934	ng	94
29) 2,4-Dichlorophenol	7.945	162	411751	54.008	ng	93
30) 1,2,4-Trichlorobenzene	8.028	180	465188	54.801	ng	95
31) Naphthalene	8.110	128	1500755	55.320	ng	96
32) Benzoic acid	7.875	122	264118	45.953	ng	91
33) 4-Chloroaniline	8.157	127	337046	29.954	ng	97
34) Hexachlorobutadiene	8.228	225	258674	50.128	ng	96
35) Caprolactam	8.528	113	118985m	53.902	ng	
36) 4-Chloro-3-methylphenol	8.645	107	450191	56.242	ng	98
37) 2-Methylnaphthalene	8.798	142	934293	51.365	ng	90
38) 1-Methylnaphthalene	8.898	142	896501	53.123	ng	86
40) 1,2,4,5-Tetrachloroben...	8.969	216	450190	53.220	ng	98
41) Hexachlorocyclopentadiene	8.951	237	514724	117.999	ng	96
43) 2,4,6-Trichlorophenol	9.080	196	296244	55.929	ng	94

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44) 2,4,5-Trichlorophenol	9.122	196	317000	51.951	ng		94
46) 1,1'-Biphenyl	9.269	154	1245780	56.249	ng		95
47) 2-Chloronaphthalene	9.292	162	939930	58.062	ng		93
48) 2-Nitroaniline	9.386	65	266124	53.918	ng		85
49) Acenaphthylene	9.710	152	1506992	60.308	ng	#	95
50) Dimethylphthalate	9.575	163	1088129	57.059	ng		97
51) 2,6-Dinitrotoluene	9.633	165	211332	51.070	ng		96
52) Acenaphthene	9.880	154	870507	52.303	ng		88
53) 3-Nitroaniline	9.798	138	163621	37.085	ng		95
54) 2,4-Dinitrophenol	9.910	184	203294	99.183	ng		95
55) Dibenzofuran	10.051	168	1319687	57.030	ng		98
56) 4-Nitrophenol	9.969	139	348279	118.789	ng		99
57) 2,4-Dinitrotoluene	10.039	165	290490	55.271	ng		92
58) Fluorene	10.398	166	1022521	58.221	ng		90
59) 2,3,4,6-Tetrachlorophenol	10.169	232	260094	56.240	ng		95
60) Diethylphthalate	10.275	149	1063673	55.598	ng		95
61) 4-Chlorophenyl-phenyle...	10.392	204	478732	53.622	ng		94
62) 4-Nitroaniline	10.422	138	212470	52.840	ng		94
63) Azobenzene	10.551	77	1004771	60.025	ng		93
65) 4,6-Dinitro-2-methylph...	10.445	198	129526	43.763	ng		98
66) n-Nitrosodiphenylamine	10.510	169	869680	52.749	ng		92
67) 4-Bromophenyl-phenylether	10.880	248	302065	52.190	ng		93
68) Hexachlorobenzene	10.939	284	348640	56.738	ng		98
69) Atrazine	11.045	200	279897	67.012	ng		95
70) Pentachlorophenol	11.139	266	375268	109.194	ng		96
71) Phenanthrene	11.363	178	1534876	57.676	ng		96
72) Anthracene	11.416	178	1566807	57.679	ng		96
73) Carbazole	11.569	167	1256889	57.743	ng		98
74) Di-n-butylphthalate	11.904	149	1616704	62.784	ng		96
75) Fluoranthene	12.551	202	1382784	56.899	ng		96
77) Benzidine	12.674	184	448973	108.006	ng		97
78) Pyrene	12.780	202	1352546	60.249	ng		94
80) Butylbenzylphthalate	13.410	149	438874	61.352	ng		95
81) Benzo(a)anthracene	13.974	228	930090	58.410	ng		96
82) 3,3'-Dichlorobenzidine	13.939	252	263961	51.637	ng		95
83) Chrysene	14.010	228	883933	56.741	ng		96
84) Bis(2-ethylhexyl)phtha...	13.974	149	556445	64.447	ng		95
85) Di-n-octyl phthalate	14.592	149	932901	64.534	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	1137243	56.656	ng		98
88) Benzo(b)fluoranthene	15.033	252	922267	60.975	ng	#	95
89) Benzo(k)fluoranthene	15.062	252	882518	57.941	ng		95
90) Benzo(a)pyrene	15.404	252	822879	55.158	ng		96
91) Dibenzo(a,h)anthracene	17.003	278	911752	54.808	ng		97
92) Benzo(g,h,i)perylene	17.439	276	879463	52.144	ng		93

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

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