Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
Data File : BF135670.D
Acq On : 10 Oct 2023 01:16
Operator : CG\JU
Sample : 04609-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:32:22 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 04 17:06:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	115765	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	430568	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	203369	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	346248	20.000	ng		0.00
76) Chrysene-d12	13.933	240	196747	20.000	ng		0.00
86) Perylene-d12	15.404	264	204196	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	645821	90.735	ng		0.01
7) Phenol-d6	6.398	99	796102	87.962	ng		0.01
23) Nitrobenzene-d5	7.310	82	513826	64.835	ng		0.00
42) 2,4,6-Tribromophenol	10.574	330	178495	88.320	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	899500	66.731	ng		0.00
79) Terphenyl-d14	12.868	244	704463	55.505	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	151981	48.708	ng		99
3) Pyridine	3.269	79	340181	40.509	ng		97
4) n-Nitrosodimethylamine	3.246	42	230120	51.639	ng		93
6) Aniline	6.410	93	374744	31.575	ng	#	9
8) 2-Chlorophenol	6.534	128	374886	49.339	ng		95
9) Benzaldehyde	6.298	77	185417	35.962	ng		99
10) Phenol	6.410	94	443366	44.675	ng		80
11) bis(2-Chloroethyl)ether	6.481	93	361702	48.588	ng		98
12) 1,3-Dichlorobenzene	6.681	146	378605	49.030	ng		98
13) 1,4-Dichlorobenzene	6.757	146	385309	49.045	ng		99
14) 1,2-Dichlorobenzene	6.904	146	356183	48.820	ng		99
15) Benzyl Alcohol	6.892	79	307600	47.363	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	647712	46.160	ng		50
17) 2-Methylphenol	7.010	107	289377	43.158	ng	#	91
18) Hexachloroethane	7.239	117	144140	49.655	ng		91
19) n-Nitroso-di-n-propyla...	7.163	70	250583	44.700	ng		95
20) 3+4-Methylphenols	7.169	107	367000	45.519	ng	#	67
22) Acetophenone	7.157	105	504796	51.280	ng		94
24) Nitrobenzene	7.328	77	392440	50.100	ng		99
25) Isophorone	7.569	82	715565	49.171	ng		100
26) 2-Nitrophenol	7.645	139	197343	52.492	ng		97
27) 2,4-Dimethylphenol	7.686	122	283718	44.897	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	432482	49.652	ng		100
29) 2,4-Dichlorophenol	7.892	162	306605	52.361	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	307139	50.183	ng		99
31) Naphthalene	8.039	128	1030470	49.258	ng		98
32) Benzoic acid	7.851	122	214500	45.078	ng		94
33) 4-Chloroaniline	8.098	127	217953	23.746	ng		97
34) Hexachlorobutadiene	8.151	225	184832	50.084	ng		99
35) Caprolactam	8.486	113	99716m	50.741	ng		
36) 4-Chloro-3-methylphenol	8.604	107	320801	49.293	ng		96
37) 2-Methylnaphthalene	8.733	142	632951	45.010	ng		98
38) 1-Methylnaphthalene	8.833	142	608792	46.241	ng		97
40) 1,2,4,5-Tetrachloroben...	8.904	216	310888	52.766	ng		99
41) Hexachlorocyclopentadiene	8.880	237	72426	32.707	ng		99
43) 2,4,6-Trichlorophenol	9.022	196	199109	51.615	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	211028	47.503	ng		98
46) 1,1'-Biphenyl	9.204	154	808745	51.748	ng		98
47) 2-Chloronaphthalene	9.227	162	588799	51.925	ng		97
48) 2-Nitroaniline	9.339	65	226210	51.349	ng		95
49) Acenaphthylene	9.639	152	948826	50.348	ng		99
50) Dimethylphthalate	9.510	163	699614	50.882	ng		99
51) 2,6-Dinitrotoluene	9.580	165	151890	50.426	ng		95
52) Acenaphthene	9.816	154	561948	50.477	ng		97
53) 3-Nitroaniline	9.751	138	124683	35.264	ng		93
54) 2,4-Dinitrophenol	9.874	184	107284	64.088	ng		94
55) Dibenzofuran	9.986	168	819410	48.233	ng		97
56) 4-Nitrophenol	9.939	139	163197	72.624	ng		99
57) 2,4-Dinitrotoluene	9.992	165	180231	47.795	ng		88
58) Fluorene	10.333	166	642449	49.192	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	159695	46.731	ng		99
60) Diethylphthalate	10.210	149	703622	50.990	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	307041	48.941	ng		99
62) 4-Nitroaniline	10.374	138	138237	40.673	ng		98
63) Azobenzene	10.486	77	653806	48.412	ng		99
65) 4,6-Dinitro-2-methylph...	10.404	198	73676	40.062	ng		98
66) n-Nitrosodiphenylamine	10.445	169	583515	55.665	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	187918	54.569	ng		100
68) Hexachlorobenzene	10.880	284	191096	54.469	ng	#	92
69) Atrazine	10.980	200	180161	63.874	ng		98
70) Pentachlorophenol	11.086	266	146626	69.854	ng		98
71) Phenanthrene	11.298	178	866691	52.924	ng		99
72) Anthracene	11.351	178	828826	49.239	ng		99
73) Carbazole	11.516	167	765004	49.924	ng		99
74) Di-n-butylphthalate	11.839	149	994237	55.064	ng		100
75) Fluoranthene	12.492	202	846217	49.592	ng		99
77) Benzidine	12.627	184	320995	79.637	ng		98
78) Pyrene	12.727	202	845848	45.156	ng		99
80) Butylbenzylphthalate	13.345	149	341686	51.809	ng		97
81) Benzo(a)anthracene	13.927	228	699912	55.092	ng		99
82) 3,3'-Dichlorobenzidine	13.886	252	221434	55.801	ng	#	98
83) Chrysene	13.962	228	643222	50.923	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	465606	68.797	ng		100
85) Di-n-octyl phthalate	14.527	149	786803	73.155	ng		98
87) Indeno(1,2,3-cd)pyrene	16.898	276	533188	39.824	ng		99
88) Benzo(b)fluoranthene	14.980	252	641739	58.056	ng		97
89) Benzo(k)fluoranthene	15.009	252	569744	52.178	ng		100
90) Benzo(a)pyrene	15.345	252	533111	50.573	ng		99
91) Dibenzo(a,h)anthracene	16.903	278	425325	38.826	ng		98
92) Benzo(g,h,i)perylene	17.345	276	418059	36.541	ng		98

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

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