Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130455.D
Acq On : 28 Sep 2022 19:12
Operator : CG\JU
Sample : N4857-01MSD 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 29 02:17:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.645	152	88378	20.000	ng		0.00
21) Naphthalene-d8	7.928	136	297258	20.000	ng	#	0.00
39) Acenaphthene-d10	9.680	164	139330	20.000	ng		0.00
64) Phenanthrene-d10	11.163	188	259530	20.000	ng		0.00
76) Chrysene-d12	13.810	240	214376	20.000	ng		0.02
86) Perylene-d12	15.198	264	149562	20.000	ng	#	0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.245	112	299171	58.714	ng		0.00
7) Phenol-d6	6.287	99	338126	53.035	ng		0.00
23) Nitrobenzene-d5	7.210	82	195802	33.652	ng		0.00
42) 2,4,6-Tribromophenol	10.469	330	83872	62.823	ng		0.00
45) 2-Fluorobiphenyl	9.004	172	340829	35.621	ng		0.00
79) Terphenyl-d14	12.751	244	447834	34.604	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.252	88	37340	15.956	ng		95
3) Pyridine	2.934	79	94834	15.535	ng		96
4) n-Nitrosodimethylamine	2.875	42	52871	15.924	ng		93
6) Aniline	6.304	93	116724	14.859	ng	#	55
8) 2-Chlorophenol	6.428	128	112830	19.439	ng		95
9) Benzaldehyde	6.192	77	65188	15.264	ng		94
10) Phenol	6.298	94	139737	18.703	ng		96
11) bis(2-Chloroethyl)ether	6.387	93	103210	19.152	ng		92
12) 1,3-Dichlorobenzene	6.587	146	126360	19.785	ng		95
13) 1,4-Dichlorobenzene	6.663	146	126368	19.403	ng		99
14) 1,2-Dichlorobenzene	6.816	146	119277	19.605	ng		97
15) Benzyl Alcohol	6.792	79	56572m	11.192	ng		
16) 2,2'-oxybis(1-Chloropr...	6.928	45	124676	15.862	ng		83
17) 2-Methylphenol	6.910	107	90811	19.246	ng		99
18) Hexachloroethane	7.157	117	43108	16.791	ng		91
19) n-Nitroso-di-n-propyla...	7.063	70	72891	16.943	ng		93
20) 3+4-Methylphenols	7.069	107	110950	18.101	ng	#	57
22) Acetophenone	7.057	105	159531	21.951	ng	#	87
24) Nitrobenzene	7.228	77	107709	18.231	ng		95
25) Isophorone	7.469	82	185597	19.791	ng		98
26) 2-Nitrophenol	7.545	139	51333	21.195	ng		93
27) 2,4-Dimethylphenol	7.592	122	84951	22.781	ng		98
28) bis(2-Chloroethoxy)met...	7.686	93	114091	21.606	ng		99
29) 2,4-Dichlorophenol	7.792	162	78063	19.103	ng		97
30) 1,2,4-Trichlorobenzene	7.869	180	87503	19.805	ng		95
31) Naphthalene	7.951	128	675839	44.131	ng		99
32) Benzoic acid	7.692	122	45792	15.879	ng		88
33) 4-Chloroaniline	8.004	127	92170	15.824	ng		97
34) Hexachlorobutadiene	8.069	225	57958	20.526	ng		99
35) Caprolactam	8.363	113	24577	20.979	ng	#	84
36) 4-Chloro-3-methylphenol	8.492	107	79062	17.455	ng		96
37) 2-Methylnaphthalene	8.639	142	420222	43.037	ng		99
38) 1-Methylnaphthalene	8.739	142	415293	44.274	ng		100
40) 1,2,4,5-Tetrachloroben...	8.804	216	78706	20.699	ng		98
41) Hexachlorocyclopentadiene	8.792	237	4241	2.083	ng		93
43) 2,4,6-Trichlorophenol	8.922	196	48395	18.237	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.969	196	52783	18.432	ng		99
46) 1,1'-Biphenyl	9.104	154	242700	23.324	ng		99
47) 2-Chloronaphthalene	9.128	162	164439	19.535	ng		98
48) 2-Nitroaniline	9.228	65	50851	18.112	ng		96
49) Acenaphthylene	9.539	152	440268	34.884	ng		98
50) Dimethylphthalate	9.404	163	189245	19.663	ng		99
51) 2,6-Dinitrotoluene	9.469	165	39127	19.439	ng		96
52) Acenaphthene	9.716	154	426617m	51.447	ng		
53) 3-Nitroaniline	9.639	138	42527	18.961	ng		89
54) 2,4-Dinitrophenol	9.757	184	4649	10.179	ng		93
55) Dibenzofuran	9.886	168	436394	37.835	ng		95
56) 4-Nitrophenol	9.816	139	70426	43.111	ng	#	82
57) 2,4-Dinitrotoluene	9.875	165	55730	21.665	ng	#	95
58) Fluorene	10.227	166	632593	67.063	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.004	232	41153	18.360	ng	#	70
60) Diethylphthalate	10.104	149	187721	19.450	ng		100
61) 4-Chlorophenyl-phenyle...	10.222	204	84170	20.341	ng		99
62) 4-Nitroaniline	10.245	138	52069	23.110	ng		95
63) Azobenzene	10.380	77	165404	16.643	ng	#	68
65) 4,6-Dinitro-2-methylph...	10.286	198	4779	3.308	ng	#	65
66) n-Nitrosodiphenylamine	10.339	169	183910	21.206	ng		95
67) 4-Bromophenyl-phenylether	10.710	248	53257	18.602	ng		95
68) Hexachlorobenzene	10.774	284	63035	19.423	ng		96
69) Atrazine	10.874	200	53952	21.287	ng		95
70) Pentachlorophenol	10.974	266	62851	36.084	ng		97
71) Phenanthrene	11.198	178	3083332	211.606	ng		97
72) Anthracene	11.245	178	1265090	89.969	ng		99
73) Carbazole	11.398	167	422022	33.256	ng		100
74) Di-n-butylphthalate	11.733	149	314923	20.579	ng		97
75) Fluoranthene	12.392	202	4490614	318.936	ng		98
77) Benzidine	12.510	184	127631	20.509	ng		98
78) Pyrene	12.621	202	4225495	225.315	ng		97
80) Butylbenzylphthalate	13.227	149	150323	21.637	ng		94
81) Benzo(a)anthracene	13.798	228	2131812	149.482	ng		96
82) 3,3'-Dichlorobenzidine	13.768	252	96256	24.795	ng		99
83) Chrysene	13.839	228	1758293m	129.848	ng		
84) Bis(2-ethylhexyl)phtha...	13.786	149	255574	32.116	ng	#	99
85) Di-n-octyl phthalate	14.398	149	312657	25.687	ng	#	100
87) Indeno(1,2,3-cd)pyrene	16.539	276	792442m	74.716	ng		
88) Benzo(b)fluoranthene	14.815	252	1817693m	186.204	ng		
89) Benzo(k)fluoranthene	14.839	252	548714m	57.142	ng		
90) Benzo(a)pyrene	15.151	252	1242292	160.633	ng		98
91) Dibenzo(a,h)anthracene	16.545	278	311291	35.778	ng		97
92) Benzo(g,h,i)perylene	16.945	276	708718	80.861	ng		98

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

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