Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
Data File : BF127349.D
Acq On : 16 Mar 2022 14:39
Operator : CG\JU
Sample : PB143388BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 17 02:35:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB143388BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	93358	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	335724	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	204688	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	372148	20.000	ng	#	0.00
76) Chrysene-d12	14.057	240	342709	20.000	ng	#	0.00
86) Perylene-d12	15.539	264	264944	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	692592	119.260	ng		0.02
7) Phenol-d6	6.510	99	938055	117.418	ng		0.00
23) Nitrobenzene-d5	7.439	82	682517	83.958	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	288741	131.040	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1271781	87.843	ng		0.00
79) Terphenyl-d14	12.992	244	1408885	70.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	120732	40.095	ng	#	80
3) Pyridine	3.563	79	330158	41.203	ng	#	78
4) n-Nitrosodimethylamine	3.534	42	229829	51.768	ng	#	66
6) Aniline	6.534	93	320162	33.534	ng	#	88
8) 2-Chlorophenol	6.657	128	259987	43.275	ng		93
9) Benzaldehyde	6.422	77	172892	41.699	ng		90
10) Phenol	6.522	94	348433	39.703	ng	#	65
11) bis(2-Chloroethyl)ether	6.610	93	274907	42.182	ng		92
12) 1,3-Dichlorobenzene	6.810	146	282028	41.820	ng		98
13) 1,4-Dichlorobenzene	6.886	146	289463	42.785	ng		99
14) 1,2-Dichlorobenzene	7.034	146	283956	44.595	ng		98
15) Benzyl Alcohol	7.016	79	269921	45.077	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	7.139	45	508055	41.541	ng		96
17) 2-Methylphenol	7.128	107	224993	44.052	ng	#	82
18) Hexachloroethane	7.375	117	115507	44.445	ng	#	76
19) n-Nitroso-di-n-propyla...	7.286	70	220984	44.326	ng	#	86
20) 3+4-Methylphenols	7.281	107	271461	40.983	ng	#	86
22) Acetophenone	7.281	105	379195	41.253	ng	#	78
24) Nitrobenzene	7.457	77	339562	44.163	ng	#	91
25) Isophorone	7.692	82	630874	48.263	ng	#	97
26) 2-Nitrophenol	7.769	139	140660	44.175	ng	#	63
27) 2,4-Dimethylphenol	7.804	122	248966m	52.086	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	356831	43.082	ng		99
29) 2,4-Dichlorophenol	8.016	162	247242	45.166	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	271299	43.473	ng		97
31) Naphthalene	8.175	128	770256	43.010	ng		100
32) Benzoic acid	7.963	122	134511	41.523	ng		86
33) 4-Chloroaniline	8.228	127	164669	23.722	ng		93
34) Hexachlorobutadiene	8.281	225	187113	44.962	ng		97
35) Caprolactam	8.622	113	59595m	36.443	ng		
36) 4-Chloro-3-methylphenol	8.716	107	280814	47.331	ng		99
37) 2-Methylnaphthalene	8.869	142	518582	44.316	ng		96
38) 1-Methylnaphthalene	8.969	142	526267	46.780	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	287809	44.416	ng	#	96
41) Hexachlorocyclopentadiene	9.010	237	329473	118.745	ng		95
43) 2,4,6-Trichlorophenol	9.145	196	180510	44.138	ng		97

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44) 2,4,5-Trichlorophenol	9.192	196	191796	44.188	ng		91
46) 1,1'-Biphenyl	9.333	154	700791	45.363	ng		97
47) 2-Chloronaphthalene	9.357	162	532624	44.290	ng		99
48) 2-Nitroaniline	9.463	65	196989	42.574	ng		87
49) Acenaphthylene	9.775	152	812200	44.133	ng		99
50) Dimethylphthalate	9.639	163	626155	42.691	ng	#	99
51) 2,6-Dinitrotoluene	9.704	165	132892	44.791	ng	#	81
52) Acenaphthene	9.951	154	454545	41.435	ng		96
53) 3-Nitroaniline	9.875	138	88835	27.476	ng		90
54) 2,4-Dinitrophenol	9.992	184	134171	81.961	ng		92
55) Dibenzofuran	10.122	168	710415	41.685	ng		96
56) 4-Nitrophenol	10.051	139	165320	84.126	ng	#	55
57) 2,4-Dinitrotoluene	10.116	165	177833	45.556	ng	#	89
58) Fluorene	10.463	166	554003	41.922	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	166606	46.189	ng	#	75
60) Diethylphthalate	10.339	149	565206	42.246	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	305051	42.595	ng		92
62) 4-Nitroaniline	10.504	138	120930m	37.535	ng		
63) Azobenzene	10.616	77	607163	39.480	ng		86
65) 4,6-Dinitro-2-methylph...	10.527	198	90739	39.546	ng		89
66) n-Nitrosodiphenylamine	10.580	169	466582	40.369	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	190405	42.444	ng		95
68) Hexachlorobenzene	11.010	284	217022	44.389	ng		90
69) Atrazine	11.104	200	186713	46.815	ng		94
70) Pentachlorophenol	11.210	266	194717	98.642	ng		98
71) Phenanthrene	11.433	178	810406	41.252	ng		100
72) Anthracene	11.486	178	830986	42.712	ng		99
73) Carbazole	11.639	167	713174	38.926	ng		98
74) Di-n-butylphthalate	11.957	149	896462	41.834	ng		99
75) Fluoranthene	12.621	202	896406	40.810	ng		91
77) Benzidine	12.745	184	404958	46.466	ng		97
78) Pyrene	12.851	202	913889	34.236	ng		99
80) Butylbenzylphthalate	13.463	149	366905	35.715	ng	#	92
81) Benzo(a)anthracene	14.045	228	982841	42.592	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	179481	25.015	ng	#	95
83) Chrysene	14.080	228	887141	41.334	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	621310	44.927	ng	#	96
85) Di-n-octyl phthalate	14.627	149	1004462	47.989	ng		96
87) Indeno(1,2,3-cd)pyrene	17.045	276	609877	38.211	ng	#	85
88) Benzo(b)fluoranthene	15.104	252	791424	45.508	ng	#	92
89) Benzo(k)fluoranthene	15.133	252	751792	45.975	ng	#	93
90) Benzo(a)pyrene	15.480	252	707768	51.682	ng	#	92
91) Dibenzo(a,h)anthracene	17.062	278	542427	40.834	ng	#	88
92) Benzo(g,h,i)perylene	17.509	276	512060	39.518	ng	#	84

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

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