Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
Data File : BF127332.D
Acq On : 15 Mar 2022 19:13
Operator : CG\JU
Sample : N1890-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 16 05:30:14 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 :
VNJ-232MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	90553	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	342262	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	206210	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	355947	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	203105	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	213988	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	659466	117.073	ng		0.02
7) Phenol-d6	6.510	99	859620	110.934	ng		0.00
23) Nitrobenzene-d5	7.440	82	701741	84.674	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	282674	127.340	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1203983	82.546	ng		0.00
79) Terphenyl-d14	12.986	244	1183180	100.311	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	111194	38.071	ng	#	71
3) Pyridine	3.546	79	259331	33.366	ng	#	79
4) n-Nitrosodimethylamine	3.499	42	188846	43.854	ng	#	65
6) Aniline	6.534	93	188494	20.354	ng	#	76
8) 2-Chlorophenol	6.657	128	289503	49.680	ng		94
9) Benzaldehyde	6.428	77	145445	34.109	ng		97
10) Phenol	6.522	94	340661	40.020	ng		85
11) bis(2-Chloroethyl)ether	6.604	93	325962	51.565	ng		90
12) 1,3-Dichlorobenzene	6.810	146	298707	45.665	ng		100
13) 1,4-Dichlorobenzene	6.887	146	304563	46.412	ng		99
14) 1,2-Dichlorobenzene	7.040	146	287552	46.559	ng		96
15) Benzyl Alcohol	7.016	79	284015	48.900	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	560250	47.227	ng		88
17) 2-Methylphenol	7.128	107	245113	49.478	ng	#	90
18) Hexachloroethane	7.375	117	115387	45.774	ng	#	83
19) n-Nitroso-di-n-propyla...	7.287	70	237348	49.083	ng		90
20) 3+4-Methylphenols	7.281	107	275180	42.832	ng	#	73
22) Acetophenone	7.281	105	408316	43.572	ng	#	85
24) Nitrobenzene	7.457	77	363835	46.416	ng		95
25) Isophorone	7.693	82	683230	51.270	ng	#	98
26) 2-Nitrophenol	7.769	139	152256	46.904	ng	#	74
27) 2,4-Dimethylphenol	7.804	122	265509	54.486	ng		95
28) bis(2-Chloroethoxy)met...	7.898	93	397622	47.090	ng		98
29) 2,4-Dichlorophenol	8.016	162	264307	47.361	ng		96
30) 1,2,4-Trichlorobenzene	8.093	180	287192	45.140	ng		98
31) Naphthalene	8.175	128	844138	46.235	ng		99
32) Benzoic acid	7.904	122	24402m	12.833	ng		
33) 4-Chloroaniline	8.222	127	58555	8.274	ng		94
34) Hexachlorobutadiene	8.281	225	184808	43.560	ng		98
35) Caprolactam	8.610	113	63898m	38.327	ng		
36) 4-Chloro-3-methylphenol	8.716	107	291044	48.118	ng		99
37) 2-Methylnaphthalene	8.863	142	564719	47.337	ng		97
38) 1-Methylnaphthalene	8.963	142	545544	47.567	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	300456	46.026	ng	#	93
41) Hexachlorocyclopentadiene	9.010	237	272621	98.592	ng		94
43) 2,4,6-Trichlorophenol	9.145	196	189609	46.021	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	208714	47.731	ng	#	90
46) 1,1'-Biphenyl	9.334	154	709888	45.612	ng		97
47) 2-Chloronaphthalene	9.357	162	554944	45.806	ng		99
48) 2-Nitroaniline	9.463	65	219348	47.057	ng		95
49) Acenaphthylene	9.775	152	886392	47.809	ng		99
50) Dimethylphthalate	9.634	163	699075	47.310	ng	#	98
51) 2,6-Dinitrotoluene	9.704	165	150195	50.250	ng		95
52) Acenaphthene	9.945	154	505212	45.714	ng		96
53) 3-Nitroaniline	9.875	138	68862	21.141	ng		97
54) 2,4-Dinitrophenol	9.981	184	56712	36.620	ng		93
55) Dibenzofuran	10.122	168	755613	44.010	ng		99
56) 4-Nitrophenol	10.045	139	166732	84.218	ng	#	74
57) 2,4-Dinitrotoluene	10.110	165	183857	46.752	ng	#	92
58) Fluorene	10.463	166	600734	45.123	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	174430	48.001	ng	#	79
60) Diethylphthalate	10.334	149	635314	47.136	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	326155	45.205	ng		89
62) 4-Nitroaniline	10.492	138	136950	42.193	ng	#	82
63) Azobenzene	10.610	77	710396	45.851	ng		89
65) 4,6-Dinitro-2-methylph...	10.516	198	55964	25.500	ng	#	81
66) n-Nitrosodiphenylamine	10.575	169	520781	47.109	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	207257	48.303	ng	#	89
68) Hexachlorobenzene	11.010	284	222133	47.503	ng	#	87
69) Atrazine	11.104	200	192435	50.446	ng		93
70) Pentachlorophenol	11.210	266	192331	101.868	ng		98
71) Phenanthrene	11.428	178	865580	46.066	ng		100
72) Anthracene	11.481	178	873939	46.964	ng		99
73) Carbazole	11.639	167	744034	42.459	ng		98
74) Di-n-butylphthalate	11.957	149	926353	45.196	ng		99
75) Fluoranthene	12.616	202	847113	40.321	ng		93
77) Benzidine	12.739	184	128856	24.948	ng		97
78) Pyrene	12.851	202	818410	51.733	ng		99
80) Butylbenzylphthalate	13.457	149	303119	49.786	ng	#	96
81) Benzo(a)anthracene	14.039	228	654522	47.861	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	96260	22.638	ng	#	95
83) Chrysene	14.075	228	601554	47.293	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	419406	51.173	ng	#	98
85) Di-n-octyl phthalate	14.627	149	710458	57.273	ng		96
87) Indeno(1,2,3-cd)pyrene	17.045	276	704038	54.615	ng	#	84
88) Benzo(b)fluoranthene	15.098	252	639153	45.504	ng	#	93
89) Benzo(k)fluoranthene	15.127	252	633793	47.989	ng	#	94
90) Benzo(a)pyrene	15.474	252	627363	56.720	ng	#	92
91) Dibenzo(a,h)anthracene	17.063	278	622737	58.042	ng	#	90
92) Benzo(g,h,i)perylene	17.504	276	610800	58.363	ng	#	85

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

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