Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
Data File : BF127355.D
Acq On : 16 Mar 2022 18:59
Operator : CG\JU
Sample : N1951-10MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-8-(30-35)-3-12-22MSD

Manual Integrations APPROVED

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

Quant Time: Mar 17 02:36:08 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	84895	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	308185	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	179138	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	318476	20.000	ng	#	0.00
76) Chrysene-d12	14.045	240	192026	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	197097	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	612450	115.973	ng		0.00
7) Phenol-d6	6.504	99	842650	115.991	ng		0.00
23) Nitrobenzene-d5	7.434	82	579526	77.659	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	224723	116.533	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	930506	73.437	ng		0.00
79) Terphenyl-d14	12.986	244	890310	79.836	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	69542	25.397	ng	#	80
3) Pyridine	3.452	79	254222	34.889	ng	#	74
4) n-Nitrosodimethylamine	3.416	42	157341	38.973	ng	#	68
6) Aniline	6.534	93	303445	34.951	ng		94
8) 2-Chlorophenol	6.657	128	242940	44.468	ng		97
9) Benzaldehyde	6.422	77	156302	41.341	ng		96
10) Phenol	6.522	94	343460	43.038	ng		82
11) bis(2-Chloroethyl)ether	6.604	93	258332	43.590	ng		92
12) 1,3-Dichlorobenzene	6.804	146	257720	42.025	ng		97
13) 1,4-Dichlorobenzene	6.887	146	260454	42.335	ng		97
14) 1,2-Dichlorobenzene	7.034	146	248189	42.864	ng		98
15) Benzyl Alcohol	7.016	79	240700	44.204	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	457375	41.125	ng		99
17) 2-Methylphenol	7.122	107	208435	44.879	ng	#	91
18) Hexachloroethane	7.375	117	98330	41.608	ng	#	80
19) n-Nitroso-di-n-propyla...	7.281	70	190893	42.107	ng	#	88
20) 3+4-Methylphenols	7.275	107	244608	40.611	ng	#	84
22) Acetophenone	7.281	105	328093	38.883	ng	#	86
24) Nitrobenzene	7.457	77	299333	42.410	ng		96
25) Isophorone	7.692	82	545102	45.427	ng	#	98
26) 2-Nitrophenol	7.769	139	124284	42.520	ng	#	78
27) 2,4-Dimethylphenol	7.804	122	217341	49.533	ng		93
28) bis(2-Chloroethoxy)met...	7.898	93	318295	41.864	ng		99
29) 2,4-Dichlorophenol	8.010	162	215219	42.829	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	235039	41.028	ng		97
31) Naphthalene	8.175	128	700613	42.617	ng		100
32) Benzoic acid	7.945	122	112591	38.446	ng		89
33) 4-Chloroaniline	8.222	127	108173	16.975	ng	#	92
34) Hexachlorobutadiene	8.281	225	148774	38.944	ng		97
35) Caprolactam	8.604	113	68067m	45.343	ng		
36) 4-Chloro-3-methylphenol	8.710	107	237218	43.555	ng		98
37) 2-Methylnaphthalene	8.863	142	461046	42.920	ng		97
38) 1-Methylnaphthalene	8.963	142	436775	42.295	ng		97
40) 1,2,4,5-Tetrachloroben...	9.028	216	237459	41.873	ng	#	94
41) Hexachlorocyclopentadiene	9.010	237	195161	82.291	ng		94
43) 2,4,6-Trichlorophenol	9.145	196	150343	42.005	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	158909m	41.833	ng		
46) 1,1'-Biphenyl	9.328	154	566889	41.929	ng		98
47) 2-Chloronaphthalene	9.357	162	440528	41.857	ng		99
48) 2-Nitroaniline	9.457	65	175507	43.341	ng		90
49) Acenaphthylene	9.775	152	722422	44.854	ng		99
50) Dimethylphthalate	9.633	163	527356	41.083	ng	#	99
51) 2,6-Dinitrotoluene	9.698	165	116187	44.746	ng	#	90
52) Acenaphthene	9.945	154	398163	41.472	ng		96
53) 3-Nitroaniline	9.869	138	77497	27.388	ng		99
54) 2,4-Dinitrophenol	9.986	184	107671	75.473	ng		88
55) Dibenzofuran	10.116	168	604504	40.530	ng		98
56) 4-Nitrophenol	10.045	139	152165	88.475	ng	#	79
57) 2,4-Dinitrotoluene	10.110	165	152576	44.661	ng		89
58) Fluorene	10.463	166	475570	41.120	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	133292	42.224	ng	#	78
60) Diethylphthalate	10.333	149	474296	40.507	ng		96
61) 4-Chlorophenyl-phenyle...	10.451	204	249626	39.827	ng	#	86
62) 4-Nitroaniline	10.492	138	111925	39.694	ng	#	80
63) Azobenzene	10.610	77	551242	40.956	ng		90
65) 4,6-Dinitro-2-methylph...	10.516	198	77889	39.666	ng		85
66) n-Nitrosodiphenylamine	10.575	169	410225	41.475	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	153054	39.867	ng		96
68) Hexachlorobenzene	11.004	284	171095	40.893	ng	#	93
69) Atrazine	11.098	200	151111	44.274	ng		95
70) Pentachlorophenol	11.210	266	159259	94.276	ng		98
71) Phenanthrene	11.427	178	686692	40.845	ng		100
72) Anthracene	11.480	178	704940	42.340	ng		100
73) Carbazole	11.639	167	612202	39.046	ng		99
74) Di-n-butylphthalate	11.957	149	712318	38.842	ng		100
75) Fluoranthene	12.616	202	719012	38.250	ng		93
77) Benzidine	12.739	184	220531	45.161	ng		98
78) Pyrene	12.851	202	724903	48.466	ng		99
80) Butylbenzylphthalate	13.457	149	231584	40.232	ng	#	91
81) Benzo(a)anthracene	14.039	228	545437	42.185	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	111285	27.682	ng	#	93
83) Chrysene	14.074	228	497840	41.397	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	284870	36.763	ng	#	96
85) Di-n-octyl phthalate	14.621	149	465236	39.668	ng		96
87) Indeno(1,2,3-cd)pyrene	17.039	276	576406	48.546	ng	#	85
88) Benzo(b)fluoranthene	15.098	252	524748	40.561	ng	#	91
89) Benzo(k)fluoranthene	15.127	252	498452	40.976	ng	#	94
90) Benzo(a)pyrene	15.468	252	511711	50.229	ng	#	93
91) Dibenzo(a,h)anthracene	17.057	278	507977	51.404	ng	#	90
92) Benzo(g,h,i)perylene	17.504	276	512689	53.186	ng	#	85

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

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