Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
Data File : BM035371.D
Acq On : 02 Jun 2022 20:27
Operator : CG/JU
Sample : N2986-07MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P027-SS001-1824-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

Quant Time: Jun 03 01:43:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 16:16:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	137652	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	497100	20.000	ng	#	0.00
39) Acenaphthene-d10	14.492	164	336300	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	740938	20.000	ng	#	0.00
76) Chrysene-d12	21.421	240	848805	20.000	ng	#	0.00
86) Perylene-d12	23.780	264	953345	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	829243	126.588	ng		0.00
7) Phenol-d6	7.040	99	1027256	114.802	ng		0.00
23) Nitrobenzene-d5	9.016	82	581613	74.291	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	618431	114.613	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	1781808	76.097	ng		0.00
79) Terphenyl-d14	19.862	244	3237568	75.990	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	113505	51.651	ng	#	86
3) Pyridine	3.734	79	282278	47.105	ng	#	86
4) n-Nitrosodimethylamine	3.646	42	130101	57.537	ng	#	61
6) Aniline	7.181	93	452864	46.300	ng		94
8) 2-Chlorophenol	7.422	128	427710	52.034	ng		89
9) Benzaldehyde	6.992	77	203996	61.470	ng		89
10) Phenol	7.063	94	454128	52.645	ng		90
11) bis(2-Chloroethyl)ether	7.281	93	345492	49.237	ng		89
12) 1,3-Dichlorobenzene	7.739	146	482532	50.266	ng	#	94
13) 1,4-Dichlorobenzene	7.887	146	491655	49.885	ng		97
14) 1,2-Dichlorobenzene	8.204	146	477263	49.383	ng		96
15) Benzyl Alcohol	8.098	79	309103m	47.274	ng		
16) 2,2'-oxybis(1-Chloropr...	8.381	45	378905	44.289	ng		93
17) 2-Methylphenol	8.310	107	321350	49.276	ng	#	93
18) Hexachloroethane	8.928	117	155743	48.446	ng	#	82
19) n-Nitroso-di-n-propyla...	8.663	70	241989	42.764	ng	#	83
20) 3+4-Methylphenols	8.639	107	420072	46.020	ng		94
22) Acetophenone	8.681	105	544649	49.284	ng	#	89
24) Nitrobenzene	9.057	77	354759	50.025	ng	#	89
25) Isophorone	9.586	82	679706	50.198	ng	#	94
26) 2-Nitrophenol	9.769	139	231419	49.870	ng	#	82
27) 2,4-Dimethylphenol	9.839	122	356086	57.865	ng		97
28) bis(2-Chloroethoxy)met...	10.069	93	438479	46.858	ng		99
29) 2,4-Dichlorophenol	10.310	162	417686	49.778	ng		96
30) 1,2,4-Trichlorobenzene	10.516	180	467655	48.450	ng		98
31) Naphthalene	10.704	128	1188785	49.356	ng		99
32) Benzoic acid	10.016	122	272338	49.475	ng		91
33) 4-Chloroaniline	10.816	127	292562	29.005	ng	#	94
34) Hexachlorobutadiene	10.992	225	303503	47.552	ng		99
35) Caprolactam	11.622	113	118717	48.071	ng	#	72
36) 4-Chloro-3-methylphenol	11.957	107	377292	48.774	ng		94
37) 2-Methylnaphthalene	12.316	142	874370	48.109	ng		96
38) 1-Methylnaphthalene	12.533	142	835143	46.889	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.686	216	550676	49.947	ng	#	96
41) Hexachlorocyclopentadiene	12.669	237	621056	113.434	ng		97
43) 2,4,6-Trichlorophenol	12.933	196	369319	49.629	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.010	196	395611	49.517	ng	#	89
46)	1,1'-Biphenyl	13.327	154	1182309	49.319	ng		98
47)	2-Chloronaphthalene	13.369	162	937234	50.113	ng		96
48)	2-Nitroaniline	13.574	65	209050	50.298	ng	#	77
49)	Acenaphthylene	14.216	152	1507602	52.933	ng		99
50)	Dimethylphthalate	13.957	163	1194364	48.311	ng		99
51)	2,6-Dinitrotoluene	14.074	165	271146	51.378	ng	#	71
52)	Acenaphthene	14.557	154	860988	49.923	ng		99
53)	3-Nitroaniline	14.404	138	184163	36.761	ng		87
54)	2,4-Dinitrophenol	14.621	184	366661	96.950	ng	#	69
55)	Dibenzofuran	14.892	168	1426950	48.173	ng		92
56)	4-Nitrophenol	14.733	139	432438	115.017	ng	#	75
57)	2,4-Dinitrotoluene	14.868	165	377301	52.228	ng	#	75
58)	Fluorene	15.539	166	1150902	49.730	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.127	232	356832	48.519	ng	#	80
60)	Diethylphthalate	15.321	149	1160351	47.462	ng		96
61)	4-Chlorophenyl-phenyle...	15.533	204	629587	47.431	ng	#	88
62)	4-Nitroaniline	15.568	138	258712	49.495	ng	#	82
63)	Azobenzene	15.827	77	818011	47.124	ng		85
65)	4,6-Dinitro-2-methylph...	15.633	198	236293	47.472	ng	#	74
66)	n-Nitrosodiphenylamine	15.751	169	1035788	49.538	ng		99
67)	4-Bromophenyl-phenylether	16.427	248	432383	48.143	ng	#	87
68)	Hexachlorobenzene	16.551	284	502342	50.004	ng	#	81
69)	Atrazine	16.709	200	406716	52.859	ng		95
70)	Pentachlorophenol	16.898	266	605368	110.248	ng		99
71)	Phenanthrene	17.280	178	1888844	50.365	ng		99
72)	Anthracene	17.368	178	1943245	52.010	ng		99
73)	Carbazole	17.645	167	1755748	49.899	ng		97
74)	Di-n-butylphthalate	18.209	149	2115406	48.414	ng	#	98
75)	Fluoranthene	19.298	202	2361496	52.163	ng		98
77)	Benzidine	19.486	184	1112672	69.636	ng		99
78)	Pyrene	19.662	202	2431074	47.230	ng		100
80)	Butylbenzylphthalate	20.562	149	967670	44.259	ng	#	81
81)	Benzo(a)anthracene	21.409	228	2566859	49.255	ng		99
82)	3,3'-Dichlorobenzidine	21.339	252	773962	56.476	ng	#	99
83)	Chrysene	21.456	228	2411132	48.455	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.339	149	1465088	44.488	ng	#	94
85)	Di-n-octyl phthalate	22.250	149	2650635	46.049	ng	#	90
87)	Indeno(1,2,3-cd)pyrene	26.232	276	3368038	53.256	ng		95
88)	Benzo(b)fluoranthene	23.068	252	2896056	52.742	ng		99
89)	Benzo(k)fluoranthene	23.115	252	2725729	48.509	ng		99
90)	Benzo(a)pyrene	23.680	252	2762797	59.095	ng		98
91)	Dibenzo(a,h)anthracene	26.244	278	2981382	56.481	ng		97
92)	Benzo(g,h,i)perylene	26.979	276	2948854	57.918	ng		95

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

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