Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080322\
Data File : BM036082.D
Acq On : 03 Aug 2022 17:39
Operator : CG/JU
Sample : N3947-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NSB06-14-15MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

Quant Time: Aug 04 01:31:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	172943	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	858645	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	604245	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1360917	20.000	ng		0.00
76) Chrysene-d12	21.433	240	1493060	20.000	ng		0.00
86) Perylene-d12	23.797	264	1712893	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1311925	122.987	ng		0.00
7) Phenol-d6	7.040	99	1894980	139.612	ng		0.00
23) Nitrobenzene-d5	9.034	82	1059459	69.068	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	895189	126.286	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	2672393	65.300	ng		0.00
79) Terphenyl-d14	19.874	244	5090581	67.250	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	161489	37.569	ng		94
3) Pyridine	3.699	79	491320	42.626	ng	#	89
4) n-Nitrosodimethylamine	3.610	42	230257	48.612	ng	#	67
6) Aniline	7.193	93	828416	55.115	ng		95
8) 2-Chlorophenol	7.428	128	686187	60.333	ng		95
9) Benzaldehyde	7.004	77	276403	38.465	ng		94
10) Phenol	7.063	94	922522	67.501	ng		91
11) bis(2-Chloroethyl)ether	7.293	93	593723	52.736	ng		95
12) 1,3-Dichlorobenzene	7.751	146	613775	48.700	ng		97
13) 1,4-Dichlorobenzene	7.898	146	634089	49.334	ng		99
14) 1,2-Dichlorobenzene	8.216	146	626657	50.531	ng		98
15) Benzyl Alcohol	8.110	79	595042m	65.329	ng		
16) 2,2'-oxybis(1-Chloropr...	8.404	45	801971	53.571	ng		96
17) 2-Methylphenol	8.316	107	614111	67.881	ng		95
18) Hexachloroethane	8.945	117	229987	49.707	ng		96
19) n-Nitroso-di-n-propyla...	8.681	70	503683	61.092	ng		88
20) 3+4-Methylphenols	8.645	107	853062	69.404	ng		96
22) Acetophenone	8.698	105	1014550	49.915	ng	#	91
24) Nitrobenzene	9.075	77	739713	51.297	ng		96
25) Isophorone	9.604	82	1472409	59.005	ng		99
26) 2-Nitrophenol	9.787	139	376881	55.411	ng		92
27) 2,4-Dimethylphenol	9.851	122	714086	67.775	ng		97
28) bis(2-Chloroethoxy)met...	10.087	93	905979	50.960	ng		99
29) 2,4-Dichlorophenol	10.322	162	715616	60.396	ng		99
30) 1,2,4-Trichlorobenzene	10.534	180	608884	45.347	ng		98
31) Naphthalene	10.722	128	2124201	49.759	ng		99
32) Benzoic acid	10.004	122	694501	83.154	ng		92
33) 4-Chloroaniline	10.839	127	726157	42.208	ng		96
34) Hexachlorobutadiene	10.998	225	341443	43.275	ng		98
35) Caprolactam	11.645	113	272537	74.676	ng		92
36) 4-Chloro-3-methylphenol	11.963	107	816489	65.560	ng		99
37) 2-Methylnaphthalene	12.333	142	1566885	55.157	ng		98
38) 1-Methylnaphthalene	12.551	142	1524750	54.808	ng		98
40) 1,2,4,5-Tetrachloroben...	12.698	216	736567	44.963	ng		99
41) Hexachlorocyclopentadiene	12.675	237	765583	88.239	ng		99
43) 2,4,6-Trichlorophenol	12.939	196	587568	52.711	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	655334	55.692	ng		98
46) 1,1'-Biphenyl	13.345	154	2136575	48.519	ng		99
47) 2-Chloronaphthalene	13.386	162	1634474	48.496	ng		99
48) 2-Nitroaniline	13.592	65	546951	59.549	ng		94
49) Acenaphthylene	14.227	152	2739436	52.582	ng		100
50) Dimethylphthalate	13.975	163	2156354	52.477	ng		99
51) 2,6-Dinitrotoluene	14.092	165	476760	57.828	ng		91
52) Acenaphthene	14.569	154	1966824m	57.712	ng		
53) 3-Nitroaniline	14.422	138	471943	49.064	ng		93
54) 2,4-Dinitrophenol	14.627	184	544700	124.851	ng		89
55) Dibenzofuran	14.904	168	2620232	51.342	ng		98
56) 4-Nitrophenol	14.733	139	1088528	141.412	ng		88
57) 2,4-Dinitrotoluene	14.874	165	681428	63.059	ng		98
58) Fluorene	15.551	166	2154610	53.522	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.127	232	568974	57.081	ng		98
60) Diethylphthalate	15.333	149	2254483	53.389	ng		99
61) 4-Chlorophenyl-phenyle...	15.545	204	1022787	50.952	ng		97
62) 4-Nitroaniline	15.586	138	622841	62.942	ng		88
63) Azobenzene	15.839	77	2120751	52.829	ng		94
65) 4,6-Dinitro-2-methylph...	15.633	198	332196	47.739	ng		94
66) n-Nitrosodiphenylamine	15.763	169	1880562	48.950	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	642714	47.214	ng		96
68) Hexachlorobenzene	16.545	284	760202	48.671	ng		95
69) Atrazine	16.716	200	666514	62.002	ng		98
70) Pentachlorophenol	16.898	266	1101153	120.377	ng		99
71) Phenanthrene	17.286	178	3484607	50.258	ng		99
72) Anthracene	17.380	178	3538578	52.716	ng		99
73) Carbazole	17.657	167	3494569	51.381	ng		99
74) Di-n-butylphthalate	18.221	149	4199676	51.727	ng		99
75) Fluoranthene	19.304	202	4177352	53.824	ng		99
77) Benzidine	19.498	184	2448339	109.342	ng		99
78) Pyrene	19.668	202	4375904	47.264	ng		99
80) Butylbenzylphthalate	20.568	149	2034749	50.920	ng		99
81) Benzo(a)anthracene	21.415	228	4627285	50.317	ng		99
82) 3,3'-Dichlorobenzidine	21.351	252	1734630	77.681	ng		100
83) Chrysene	21.468	228	4300457	49.193	ng		100
84) Bis(2-ethylhexyl)phtha...	21.345	149	2981315	49.453	ng		98
85) Di-n-octyl phthalate	22.262	149	5186692	52.717	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.268	276	5978300	49.665	ng		99
88) Benzo(b)fluoranthene	23.080	252	5238088	52.195	ng		99
89) Benzo(k)fluoranthene	23.127	252	5000980	49.338	ng		98
90) Benzo(a)pyrene	23.697	252	4666688	55.422	ng		99
91) Dibenzo(a,h)anthracene	26.285	278	5273143	52.334	ng		99
92) Benzo(g,h,i)perylene	27.027	276	5058591	51.860	ng		99

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

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