Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010622\
Data File : BP008717.D
Acq On : 06 Jan 2022 19:48
Operator : CG/JU
Sample : N1047-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FM-E8-01-4.5MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

Quant Time: Jan 07 08:07:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 07:45:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	414309	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1563683	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	975917	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	1953274	20.000	ng		0.00
76) Chrysene-d12	21.351	240	2005923	20.000	ng		0.00
86) Perylene-d12	23.780	264	2310008	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	3064223	115.818	ng		0.00
7) Phenol-d6	7.051	99	3736797	105.211	ng		0.00
23) Nitrobenzene-d5	9.034	82	2210300	80.052	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	1706817	103.665	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	5632305	81.138	ng		0.00
79) Terphenyl-d14	19.821	244	7905462	80.313	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	392568	39.342	ng		97
3) Pyridine	3.763	79	1044259	44.489	ng		97
4) n-Nitrosodimethylamine	3.669	42	442740	42.331	ng		90
6) Aniline	7.199	93	997167	22.349	ng		98
8) 2-Chlorophenol	7.440	128	1232417	41.217	ng		99
9) Benzaldehyde	7.010	77	675086	28.085	ng		99
10) Phenol	7.075	94	1488083	40.944	ng		96
11) bis(2-Chloroethyl)ether	7.299	93	1090999	38.728	ng		99
12) 1,3-Dichlorobenzene	7.763	146	1367330	40.477	ng		98
13) 1,4-Dichlorobenzene	7.910	146	1393947	40.380	ng		100
14) 1,2-Dichlorobenzene	8.228	146	1334505	39.866	ng		99
15) Benzyl Alcohol	8.116	79	976149	36.996	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1188317	37.009	ng		99
17) 2-Methylphenol	8.322	107	966794	38.585	ng		98
18) Hexachloroethane	8.957	117	472491	40.692	ng		98
19) n-Nitroso-di-n-propyla...	8.687	70	777463	33.715	ng		97
20) 3+4-Methylphenols	8.651	107	1302472	37.464	ng		99
22) Acetophenone	8.698	105	1702194	41.257	ng	#	97
24) Nitrobenzene	9.075	77	1180650	42.240	ng		96
25) Isophorone	9.610	82	2080306	38.310	ng		99
26) 2-Nitrophenol	9.787	139	632626	43.401	ng		97
27) 2,4-Dimethylphenol	9.857	122	1098671	42.079	ng		99
28) bis(2-Chloroethoxy)met...	10.093	93	1354525	40.005	ng		99
29) 2,4-Dichlorophenol	10.328	162	1195977	42.730	ng		100
30) 1,2,4-Trichlorobenzene	10.540	180	1306175	42.836	ng		99
31) Naphthalene	10.728	128	3534042	41.800	ng		100
32) Benzoic acid	10.016	122	764120	43.773	ng		97
33) 4-Chloroaniline	10.834	127	391237	10.311	ng		98
34) Hexachlorobutadiene	11.022	225	790704	42.891	ng		100
35) Caprolactam	11.628	113	345395	34.726	ng		94
36) 4-Chloro-3-methylphenol	11.969	107	1110630	39.177	ng		99
37) 2-Methylnaphthalene	12.339	142	2615735	39.323	ng		99
38) 1-Methylnaphthalene	12.557	142	2414471	39.082	ng		99
40) 1,2,4,5-Tetrachloroben...	12.710	216	1498995	46.208	ng		99
41) Hexachlorocyclopentadiene	12.692	237	1795265	93.085	ng		100
43) 2,4,6-Trichlorophenol	12.951	196	966825	44.762	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	1045524	44.036	ng	98
46) 1,1'-Biphenyl	13.345	154	3342342	43.935	ng	100
47) 2-Chloronaphthalene	13.386	162	2570242	44.019	ng	99
48) 2-Nitroaniline	13.586	65	614563	43.120	ng	98
49) Acenaphthylene	14.233	152	3976875	42.872	ng	100
50) Dimethylphthalate	13.969	163	3106295	40.053	ng	99
51) 2,6-Dinitrotoluene	14.086	165	685476	40.870	ng	95
52) Acenaphthene	14.575	154	2405171	43.290	ng	100
53) 3-Nitroaniline	14.410	138	297114	17.357	ng	98
54) 2,4-Dinitrophenol	14.622	184	700083	81.849	ng	96
55) Dibenzofuran	14.910	168	3840092	41.910	ng	99
56) 4-Nitrophenol	14.733	139	1210873	84.952	ng	97
57) 2,4-Dinitrotoluene	14.875	165	939305	41.030	ng	93
58) Fluorene	15.563	166	3122577	42.336	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.139	232	884975m	41.479	ng	
60) Diethylphthalate	15.339	149	3001119	39.908	ng	99
61) 4-Chlorophenyl-phenyle...	15.557	204	1673242	42.283	ng	100
62) 4-Nitroaniline	15.575	138	652845	36.733	ng	93
63) Azobenzene	15.851	77	2535124	43.006	ng	96
65) 4,6-Dinitro-2-methylph...	15.639	198	469618	43.333	ng	94
66) n-Nitrosodiphenylamine	15.769	169	2691395	45.467	ng	99
67) 4-Bromophenyl-phenylether	16.451	248	1034681	44.771	ng	98
68) Hexachlorobenzene	16.575	284	1174778	43.690	ng	99
69) Atrazine	16.727	200	985917	41.032	ng	99
70) Pentachlorophenol	16.916	266	1538043	91.627	ng	99
71) Phenanthrene	17.310	178	4798468	44.215	ng	99
72) Anthracene	17.398	178	4894019	44.157	ng	99
73) Carbazole	17.669	167	4400764	43.325	ng	100
74) Di-n-butylphthalate	18.227	149	5078053	43.665	ng	99
75) Fluoranthene	19.274	202	5628317	43.310	ng	98
77) Benzidine	19.451	184	3231112	37.645	ng	98
78) Pyrene	19.627	202	5791986	44.159	ng	98
80) Butylbenzylphthalate	20.504	149	2305360	42.988	ng	99
81) Benzo(a)anthracene	21.339	228	5820421	44.229	ng	99
82) 3,3'-Dichlorobenzidine	21.268	252	1607758	26.893	ng	99
83) Chrysene	21.392	228	5629369	44.344	ng	98
84) Bis(2-ethylhexyl)phtha...	21.268	149	3423210	43.720	ng	98
85) Di-n-octyl phthalate	22.198	149	5917684	42.581	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	8291853	44.922	ng	99
88) Benzo(b)fluoranthene	23.039	252	6513060	43.152	ng	100
89) Benzo(k)fluoranthene	23.092	252	6329089	44.806	ng	99
90) Benzo(a)pyrene	23.674	252	6480629	44.424	ng	99
91) Dibenzo(a,h)anthracene	26.339	278	7012087	44.960	ng	99
92) Benzo(g,h,i)perylene	27.098	276	6841713	44.192	ng	100

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

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