Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120821\
Data File : BP008290.D
Acq On : 08 Dec 2021 21:31
Operator : CG/JU
Sample : M4959-16MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5DMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 09 01:48:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 09 01:43:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	69696	20.000	ng		0.00
21) Naphthalene-d8	10.569	136	246357	20.000	ng		0.00
39) Acenaphthene-d10	14.422	164	139629	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	271974	20.000	ng		0.00
76) Chrysene-d12	21.298	240	288382	20.000	ng		0.00
86) Perylene-d12	23.686	264	342709	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	529357	122.290	ng		0.00
7) Phenol-d6	6.963	99	650151	111.262	ng		0.00
23) Nitrobenzene-d5	8.934	82	452125	83.454	ng		0.00
42) 2,4,6-Tribromophenol	15.928	330	206295	115.591	ng		0.00
45) 2-Fluorobiphenyl	13.045	172	822248	85.537	ng		0.00
79) Terphenyl-d14	19.763	244	1072365	77.715	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	95926	47.500	ng		98
3) Pyridine	3.675	79	232827	43.196	ng		99
4) n-Nitrosodimethylamine	3.581	42	119268	53.051	ng		99
6) Aniline	7.105	93	163470	23.865	ng		96
8) 2-Chlorophenol	7.340	128	213288	48.133	ng		97
9) Benzaldehyde	6.916	77	136838	42.560	ng		98
10) Phenol	6.987	94	287821	47.932	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	230929	48.114	ng		99
12) 1,3-Dichlorobenzene	7.657	146	250681	49.011	ng		99
13) 1,4-Dichlorobenzene	7.805	146	252037	48.602	ng		96
14) 1,2-Dichlorobenzene	8.122	146	240355	46.605	ng		98
15) Benzyl Alcohol	8.022	79	223819	48.343	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.304	45	342651	47.314	ng		99
17) 2-Methylphenol	8.234	107	179975	46.069	ng		99
18) Hexachloroethane	8.846	117	97227	50.424	ng		94
19) n-Nitroso-di-n-propyla...	8.587	70	178304	44.098	ng		99
20) 3+4-Methylphenols	8.563	107	235634	43.704	ng		99
22) Acetophenone	8.599	105	327163	48.551	ng	#	97
24) Nitrobenzene	8.975	77	267264	50.869	ng		99
25) Isophorone	9.510	82	443558	46.798	ng		98
26) 2-Nitrophenol	9.687	139	111741	49.294	ng		93
27) 2,4-Dimethylphenol	9.763	122	177462	52.347	ng		99
28) bis(2-Chloroethoxy)met...	9.987	93	272368	45.089	ng		100
29) 2,4-Dichlorophenol	10.234	162	190229	46.982	ng		99
30) 1,2,4-Trichlorobenzene	10.434	180	228353	48.591	ng		96
31) Naphthalene	10.616	128	602852	47.769	ng		99
32) Benzoic acid	9.946	122	114180	41.173	ng		98
33) 4-Chloroaniline	10.746	127	48419	9.248	ng		98
34) Hexachlorobutadiene	10.904	225	164668	51.201	ng		97
35) Caprolactam	11.545	113	53461	59.441	ng		96
36) 4-Chloro-3-methylphenol	11.887	107	205319	44.359	ng		94
37) 2-Methylnaphthalene	12.240	142	420066	47.062	ng		99
38) 1-Methylnaphthalene	12.457	142	381556	43.917	ng		99
40) 1,2,4,5-Tetrachloroben...	12.610	216	246445	54.335	ng		99
41) Hexachlorocyclopentadiene	12.587	237	206437	118.385	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	149506	48.652	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	154748	46.995	ng		98
46) 1,1'-Biphenyl	13.257	154	504309	49.780	ng		98
47) 2-Chloronaphthalene	13.298	162	410128	51.263	ng		99
48) 2-Nitroaniline	13.510	65	138412	50.205	ng		99
49) Acenaphthylene	14.145	152	608870	49.331	ng		98
50) Dimethylphthalate	13.892	163	484601	46.218	ng		100
51) 2,6-Dinitrotoluene	14.010	165	106058	48.739	ng		97
52) Acenaphthene	14.486	154	352519	47.926	ng		98
53) 3-Nitroaniline	14.345	138	35317	16.015	ng		91
54) 2,4-Dinitrophenol	14.569	184	108380	84.237	ng		94
55) Dibenzofuran	14.828	168	569658	45.321	ng		98
56) 4-Nitrophenol	14.681	139	141279	83.582	ng		86
57) 2,4-Dinitrotoluene	14.810	165	139450	46.696	ng	#	91
58) Fluorene	15.481	166	448635	43.931	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.063	232	127232m	43.452	ng		
60) Diethylphthalate	15.257	149	465470	44.735	ng		99
61) 4-Chlorophenyl-phenyle...	15.475	204	241525	43.118	ng		100
62) 4-Nitroaniline	15.516	138	89087	38.931	ng		95
63) Azobenzene	15.769	77	491440	46.175	ng		98
65) 4,6-Dinitro-2-methylph...	15.581	198	76956	43.260	ng		88
66) n-Nitrosodiphenylamine	15.692	169	389002	49.377	ng		99
67) 4-Bromophenyl-phenylether	16.375	248	149424	49.407	ng		98
68) Hexachlorobenzene	16.492	284	165634	51.235	ng		98
69) Atrazine	16.657	200	150365	73.540	ng		98
70) Pentachlorophenol	16.851	266	168936	87.881	ng		98
71) Phenanthrene	17.233	178	687543	47.880	ng		100
72) Anthracene	17.322	178	706844	49.601	ng		99
73) Carbazole	17.604	167	618086	44.431	ng		100
74) Di-n-butylphthalate	18.157	149	760432	43.667	ng		100
75) Fluoranthene	19.210	202	816596	42.214	ng		99
77) Benzidine	19.392	184	424122	107.215	ng		98
78) Pyrene	19.563	202	846278	46.689	ng		100
80) Butylbenzylphthalate	20.445	149	353703	43.072	ng		100
81) Benzo(a)anthracene	21.280	228	873716	45.714	ng		99
82) 3,3'-Dichlorobenzidine	21.216	252	177434	19.704	ng		99
83) Chrysene	21.333	228	852877	46.894	ng		99
84) Bis(2-ethylhexyl)phtha...	21.210	149	514080	41.231	ng		99
85) Di-n-octyl phthalate	22.127	149	912546	43.084	ng		99
87) Indeno(1,2,3-cd)pyrene	26.180	276	1341005	53.785	ng		97
88) Benzo(b)fluoranthene	22.957	252	971711	47.033	ng		99
89) Benzo(k)fluoranthene	23.004	252	960251	47.475	ng		99
90) Benzo(a)pyrene	23.580	252	984019	55.727	ng		98
91) Dibenzo(a,h)anthracene	26.192	278	1132552	54.695	ng		98
92) Benzo(g,h,i)perylene	26.945	276	1155112	55.297	ng		96

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

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