Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
Data File : BP008456.D
Acq On : 16 Dec 2021 17:06
Operator : CG/JU
Sample : M5067-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 17 03:22:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 17:59:47 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BASEMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
12/17/2021
Supervised By :Jagrut Upadhyay
12/20/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	52896	20.000	ng	-0.01
21) Naphthalene-d8	10.528	136	180192	20.000	ng	#-0.01
39) Acenaphthene-d10	14.387	164	106651	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	205647	20.000	ng	-0.01
76) Chrysene-d12	21.263	240	217079	20.000	ng	# 0.00
86) Perylene-d12	23.633	264	253767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	392054	117.050	ng	0.00
7) Phenol-d6	6.934	99	438313	97.435	ng	0.00
23) Nitrobenzene-d5	8.899	82	359163	84.443	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	195983	125.043	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	692102	82.493	ng	-0.01
79) Terphenyl-d14	19.728	244	1002300	80.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	62851	50.603	ng	# 89
3) Pyridine	3.670	79	116549	28.865	ng	99
4) n-Nitrosodimethylamine	3.564	42	77173	48.431	ng	98
6) Aniline	7.075	93	54434	10.454	ng	97
8) 2-Chlorophenol	7.311	128	143552	42.050	ng	96
9) Benzaldehyde	6.887	77	98001	39.056	ng	99
10) Phenol	6.963	94	161303	35.310	ng	95
11) bis(2-Chloroethyl)ether	7.169	93	151902	39.858	ng	99
12) 1,3-Dichlorobenzene	7.622	146	166395	42.148	ng	97
13) 1,4-Dichlorobenzene	7.769	146	170438	42.422	ng	98
14) 1,2-Dichlorobenzene	8.081	146	160578	41.225	ng	97
15) Benzyl Alcohol	7.993	79	145490m	40.206	ng	
16) 2,2'-oxybis(1-Chloropr...	8.263	45	219627	40.733	ng	98
17) 2-Methylphenol	8.205	107	116150	38.435	ng	97
18) Hexachloroethane	8.799	117	62595	41.997	ng	92
19) n-Nitroso-di-n-propyla...	8.552	70	120135	36.005	ng	100
20) 3+4-Methylphenols	8.540	107	150341	36.120	ng	94
22) Acetophenone	8.563	105	233241	44.015	ng	98
24) Nitrobenzene	8.940	77	182302	45.666	ng	97
25) Isophorone	9.475	82	298959	42.005	ng	99
26) 2-Nitrophenol	9.657	139	75977	43.066	ng	94
27) 2,4-Dimethylphenol	9.734	122	121974	48.212	ng	97
28) bis(2-Chloroethoxy)met...	9.952	93	178390	40.547	ng	98
29) 2,4-Dichlorophenol	10.216	162	132222	42.529	ng	98
30) 1,2,4-Trichlorobenzene	10.399	180	159807	43.360	ng	98
31) Naphthalene	10.575	128	409785	43.367	ng	99
33) 4-Chloroaniline	10.728	127	23465	6.199	ng	95
34) Hexachlorobutadiene	10.857	225	115727	42.955	ng	97
35) Caprolactam	11.534	113	29525	50.150	ng	94
36) 4-Chloro-3-methylphenol	11.863	107	140305	40.388	ng	95
37) 2-Methylnaphthalene	12.199	142	285843	43.890	ng	96
38) 1-Methylnaphthalene	12.416	142	264259	41.677	ng	99
40) 1,2,4,5-Tetrachloroben...	12.575	216	185240	45.462	ng	100
41) Hexachlorocyclopentadiene	12.546	237	84745	75.677	ng	100
43) 2,4,6-Trichlorophenol	12.834	196	107678	42.063	ng	100
44) 2,4,5-Trichlorophenol	12.928	196	112216	42.030	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.216	154	372833	45.247	ng		98
47) 2-Chloronaphthalene	13.257	162	286791	43.637	ng		99
48) 2-Nitroaniline	13.487	65	94233	42.630	ng		97
49) Acenaphthylene	14.110	152	429154	44.419	ng		98
50) Dimethylphthalate	13.857	163	356843	44.192	ng		100
51) 2,6-Dinitrotoluene	13.981	165	77086	45.729	ng		100
52) Acenaphthene	14.451	154	256325	44.605	ng		99
53) 3-Nitroaniline	14.328	138	24086	15.167	ng		97
54) 2,4-Dinitrophenol	14.575	184	31765	36.098	ng	#	81
55) Dibenzofuran	14.793	168	415719	42.522	ng		98
56) 4-Nitrophenol	14.687	139	72219	78.340	ng	#	75
57) 2,4-Dinitrotoluene	14.787	165	103984	46.172	ng	#	79
58) Fluorene	15.445	166	329085	43.421	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.040	232	97270	42.652	ng		93
60) Diethylphthalate	15.222	149	334325	43.626	ng		99
61) 4-Chlorophenyl-phenyle...	15.440	204	182310	42.099	ng		96
62) 4-Nitroaniline	15.492	138	55021	38.477	ng		87
63) Azobenzene	15.734	77	333793	42.965	ng		96
65) 4,6-Dinitro-2-methylph...	15.569	198	36353	27.056	ng		95
66) n-Nitrosodiphenylamine	15.657	169	279942	43.236	ng		100
67) 4-Bromophenyl-phenylether	16.339	248	112762	42.099	ng		99
68) Hexachlorobenzene	16.457	284	130222	44.146	ng		96
69) Atrazine	16.628	200	109097	76.485	ng		96
70) Pentachlorophenol	16.828	266	133262	101.086	ng		98
71) Phenanthrene	17.198	178	498015	44.706	ng		99
72) Anthracene	17.286	178	512280	46.611	ng		99
73) Carbazole	17.569	167	442400	43.987	ng		99
74) Di-n-butylphthalate	18.122	149	531160	46.032	ng		100
75) Fluoranthene	19.180	202	591344	47.019	ng		98
77) Benzidine	19.375	184	132304	60.085	ng		98
78) Pyrene	19.533	202	614993	39.597	ng		100
80) Butylbenzylphthalate	20.410	149	239120	42.287	ng		97
81) Benzo(a)anthracene	21.251	228	616170	42.354	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	154612	23.098	ng		99
83) Chrysene	21.298	228	611429	43.999	ng		100
84) Bis(2-ethylhexyl)phtha...	21.169	149	348938	43.827	ng		99
85) Di-n-octyl phthalate	22.080	149	617918	45.000	ng		100
87) Indeno(1,2,3-cd)pyrene	26.110	276	957898	47.954	ng		95
88) Benzo(b)fluoranthene	22.910	252	678291	44.434	ng		99
89) Benzo(k)fluoranthene	22.957	252	679022	44.109	ng		97
90) Benzo(a)pyrene	23.527	252	685622	51.747	ng		98
91) Dibenzo(a,h)anthracene	26.115	278	817479	48.887	ng	#	97
92) Benzo(g,h,i)perylene	26.868	276	829175	50.075	ng		96

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

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