Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
Data File : BP008391.D
Acq On : 14 Dec 2021 13:28
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

Quant Time: Dec 14 16:52:24 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 16:50:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	66218	20.000	ng		0.00
21) Naphthalene-d8	10.539	136	244832	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	158088	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	292607	20.000	ng		# 0.00
76) Chrysene-d12	21.268	240	268742	20.000	ng		# 0.00
86) Perylene-d12	23.639	264	301465	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	50259	12.221	ng		0.00
7) Phenol-d6	6.946	99	63752	11.483	ng		0.00
23) Nitrobenzene-d5	8.910	82	65801	12.221	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	24026	11.890	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	139954	12.859	ng		0.00
79) Terphenyl-d14	19.733	244	169121	13.152	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	12347	6.435	ng		93
3) Pyridine	3.663	79	31284	6.109	ng		94
4) n-Nitrosodimethylamine	3.569	42	12305	5.761	ng	#	82
6) Aniline	7.081	93	37673	5.789	ng		96
8) 2-Chlorophenol	7.316	128	24355	5.785	ng		95
9) Benzaldehyde	6.898	77	23499	6.373	ng		99
10) Phenol	6.975	94	32569	5.709	ng		94
11) bis(2-Chloroethyl)ether	7.175	93	27796	6.095	ng		98
12) 1,3-Dichlorobenzene	7.634	146	29481	6.067	ng		98
13) 1,4-Dichlorobenzene	7.781	146	29983	6.086	ng		92
14) 1,2-Dichlorobenzene	8.093	146	29323	5.984	ng		97
15) Benzyl Alcohol	8.004	79	24001m	5.456	ng		
16) 2,2'-oxybis(1-Chloropr...	8.281	45	38090	5.536	ng		96
17) 2-Methylphenol	8.216	107	20921	5.637	ng		96
18) Hexachloroethane	8.810	117	11025	6.018	ng		93
19) n-Nitroso-di-n-propyla...	8.557	70	23368	6.083	ng		95
20) 3+4-Methylphenols	8.557	107	29318	5.723	ng	#	88
22) Acetophenone	8.581	105	41382	6.179	ng	#	97
24) Nitrobenzene	8.957	77	30532	5.847	ng		94
25) Isophorone	9.481	82	56454	5.993	ng		99
26) 2-Nitrophenol	9.669	139	12512	5.554	ng	#	86
27) 2,4-Dimethylphenol	9.745	122	19539	5.799	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	33401	5.564	ng		97
29) 2,4-Dichlorophenol	10.239	162	23196	5.765	ng		97
30) 1,2,4-Trichlorobenzene	10.410	180	28921	6.192	ng		95
31) Naphthalene	10.592	128	75389	6.011	ng		97
32) Benzoic acid	9.910	122	10704	3.884	ng		95
33) 4-Chloroaniline	10.728	127	28675	5.511	ng		96
34) Hexachlorobutadiene	10.875	225	20969	6.561	ng		98
35) Caprolactam	11.539	113	3998	4.473	ng	#	79
36) 4-Chloro-3-methylphenol	11.881	107	26290	5.715	ng		98
37) 2-Methylnaphthalene	12.210	142	50644	5.709	ng		95
38) 1-Methylnaphthalene	12.428	142	48866m	5.659	ng		
40) 1,2,4,5-Tetrachloroben...	12.586	216	33844	6.591	ng		98
43) 2,4,6-Trichlorophenol	12.845	196	20325	5.842	ng		98
44) 2,4,5-Trichlorophenol	12.939	196	20934	5.615	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.228	154	68449	5.968	ng		96
47) 2-Chloronaphthalene	13.269	162	55595	6.138	ng		98
48) 2-Nitroaniline	13.498	65	17429	5.584	ng		97
49) Acenaphthylene	14.122	152	80283	5.745	ng		99
50) Dimethylphthalate	13.863	163	66646	5.614	ng		99
51) 2,6-Dinitrotoluene	13.986	165	13350	5.419	ng		99
52) Acenaphthene	14.463	154	47912	5.753	ng		99
53) 3-Nitroaniline	14.333	138	11660	4.670	ng	#	82
55) Dibenzofuran	14.804	168	82893	5.825	ng		98
57) 2,4-Dinitrotoluene	14.798	165	17184	5.082	ng	#	70
58) Fluorene	15.451	166	64272	5.559	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	18179m	5.483	ng		
60) Diethylphthalate	15.233	149	62915	5.341	ng		97
61) 4-Chlorophenyl-phenyle...	15.451	204	36620	5.774	ng		96
62) 4-Nitroaniline	15.516	138	9980	3.852	ng		94
63) Azobenzene	15.745	77	61454	5.100	ng		95
65) 4,6-Dinitro-2-methylph...	15.580	198	7966	4.162	ng		92
66) n-Nitrosodiphenylamine	15.669	169	54197	6.394	ng		96
67) 4-Bromophenyl-phenylether	16.351	248	21937	6.742	ng		96
68) Hexachlorobenzene	16.469	284	24076	6.922	ng		95
69) Atrazine	16.633	200	11472	5.215	ng		89
70) Pentachlorophenol	16.845	266	8644	4.180	ng		93
71) Phenanthrene	17.204	178	91988	5.954	ng		99
72) Anthracene	17.298	178	87188	5.687	ng		98
73) Carbazole	17.580	167	80265	5.363	ng		97
74) Di-n-butylphthalate	18.127	149	89202	4.761	ng		99
75) Fluoranthene	19.186	202	99554	4.784	ng		99
77) Benzidine	19.386	184	11545	3.132	ng	#	94
78) Pyrene	19.539	202	103243	5.315	ng		99
80) Butylbenzylphthalate	20.415	149	40028	5.231	ng		97
81) Benzo(a)anthracene	21.257	228	102745	5.769	ng		97
82) 3,3'-Dichlorobenzidine	21.192	252	46802	5.577	ng		97
83) Chrysene	21.304	228	99891	5.894	ng		99
84) Bis(2-ethylhexyl)phtha...	21.180	149	59144	5.090	ng	#	95
85) Di-n-octyl phthalate	22.092	149	103309	5.234	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.109	276	136854	6.240	ng		97
88) Benzo(b)fluoranthene	22.921	252	105145	5.786	ng		97
89) Benzo(k)fluoranthene	22.968	252	101583	5.709	ng		97
90) Benzo(a)pyrene	23.533	252	90402	5.820	ng		98
91) Dibenzo(a,h)anthracene	26.115	278	118229	6.491	ng		98
92) Benzo(g,h,i)perylene	26.874	276	115374	6.279	ng	#	93

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

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