Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008880.D
Acq On : 24 Jan 2022 11:10
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

Quant Time: Jan 24 14:47:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	302162	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	1176423	20.000	ng		0.00
39) Acenaphthene-d10	14.493	164	785590	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1640533	20.000	ng		0.00
76) Chrysene-d12	21.339	240	1599479	20.000	ng		0.00
86) Perylene-d12	23.757	264	1481996	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1521912	77.889	ng		0.00
7) Phenol-d6	7.028	99	1927941	81.481	ng		0.00
23) Nitrobenzene-d5	9.010	82	1677431	80.952	ng		0.00
42) 2,4,6-Tribromophenol	15.987	330	983124	85.974	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	4468485	75.011	ng		0.00
79) Terphenyl-d14	19.810	244	7435984	78.472	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	300932	38.051	ng		97
3) Pyridine	3.746	79	681124	41.120	ng		97
4) n-Nitrosodimethylamine	3.652	42	308647	39.716	ng		87
6) Aniline	7.175	93	1200816	40.661	ng		98
8) 2-Chlorophenol	7.416	128	828718	39.823	ng		99
9) Benzaldehyde	6.993	77	622293	39.350	ng		98
10) Phenol	7.058	94	983112	40.755	ng		98
11) bis(2-Chloroethyl)ether	7.275	93	765880	39.905	ng		97
12) 1,3-Dichlorobenzene	7.740	146	946500	38.193	ng		98
13) 1,4-Dichlorobenzene	7.887	146	969585	38.604	ng		100
14) 1,2-Dichlorobenzene	8.205	146	924772	38.614	ng		100
15) Benzyl Alcohol	8.093	79	686511	41.357	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.381	45	851935	39.693	ng		99
17) 2-Methylphenol	8.305	107	657340	40.676	ng		98
18) Hexachloroethane	8.928	117	330380	38.755	ng		100
19) n-Nitroso-di-n-propyla...	8.663	70	573416	41.458	ng		97
20) 3+4-Methylphenols	8.634	107	893679	41.657	ng		98
22) Acetophenone	8.675	105	1203590	40.162	ng	#	97
24) Nitrobenzene	9.052	77	855390	40.868	ng		96
25) Isophorone	9.581	82	1567614	41.862	ng		98
26) 2-Nitrophenol	9.763	139	460622	41.860	ng		94
27) 2,4-Dimethylphenol	9.834	122	764672	40.757	ng		98
28) bis(2-Chloroethoxy)met...	10.063	93	986365	40.365	ng		100
29) 2,4-Dichlorophenol	10.305	162	832006	40.638	ng		100
30) 1,2,4-Trichlorobenzene	10.516	180	933602	38.929	ng		99
31) Naphthalene	10.699	128	2536438	39.696	ng		100
32) Benzoic acid	10.005	122	512823	47.628	ng		96
33) 4-Chloroaniline	10.810	127	1083521	41.613	ng		98
34) Hexachlorobutadiene	10.993	225	570917	38.102	ng		99
35) Caprolactam	11.622	113	268490	47.571	ng		96
36) 4-Chloro-3-methylphenol	11.951	107	798995	43.258	ng		99
37) 2-Methylnaphthalene	12.316	142	1900860	40.695	ng		99
38) 1-Methylnaphthalene	12.534	142	1755248	40.939	ng		100
40) 1,2,4,5-Tetrachloroben...	12.687	216	1072556	37.445	ng		99
41) Hexachlorocyclopentadiene	12.663	237	600902	40.999	ng		100
43) 2,4,6-Trichlorophenol	12.928	196	701025	39.584	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	755333	39.627	ng		98
46) 1,1'-Biphenyl	13.322	154	2445454	38.261	ng		100
47) 2-Chloronaphthalene	13.363	162	1897463	38.501	ng		100
48) 2-Nitroaniline	13.569	65	479574	43.826	ng		94
49) Acenaphthylene	14.210	152	2981301	40.040	ng		100
50) Dimethylphthalate	13.951	163	2366511	40.561	ng		100
51) 2,6-Dinitrotoluene	14.069	165	522491	42.224	ng		95
52) Acenaphthene	14.557	154	1771137	40.106	ng		99
53) 3-Nitroaniline	14.398	138	540140	44.385	ng		98
54) 2,4-Dinitrophenol	14.610	184	222073	44.375	ng	#	90
55) Dibenzofuran	14.893	168	2916551	40.530	ng		98
56) 4-Nitrophenol	14.722	139	415175	47.377	ng		92
57) 2,4-Dinitrotoluene	14.863	165	728205	45.752	ng		91
58) Fluorene	15.540	166	2352047	41.382	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.122	232	667085m	42.486	ng		
60) Diethylphthalate	15.316	149	2333429	42.150	ng		99
61) 4-Chlorophenyl-phenyle...	15.534	204	1252532	40.453	ng		98
62) 4-Nitroaniline	15.563	138	554753	47.068	ng		89
63) Azobenzene	15.828	77	1968592	42.831	ng		95
65) 4,6-Dinitro-2-methylph...	15.628	198	358772	43.772	ng		92
66) n-Nitrosodiphenylamine	15.751	169	2071248	39.228	ng		100
67) 4-Bromophenyl-phenylether	16.434	248	795803	38.848	ng		99
68) Hexachlorobenzene	16.557	284	900114	38.345	ng		99
69) Atrazine	16.716	200	834373	42.524	ng		99
70) Pentachlorophenol	16.904	266	541570	43.312	ng		99
71) Phenanthrene	17.292	178	3729839	40.381	ng		99
72) Anthracene	17.381	178	3834313	41.381	ng		99
73) Carbazole	17.651	167	3446333	43.256	ng		99
74) Di-n-butylphthalate	18.204	149	4063211	42.377	ng		99
75) Fluoranthene	19.257	202	4446635	43.290	ng		97
77) Benzidine	19.433	184	2495932	44.171	ng		99
78) Pyrene	19.610	202	4581780	41.054	ng		99
80) Butylbenzylphthalate	20.486	149	1838083	40.950	ng		98
81) Benzo(a)anthracene	21.322	228	4388773	40.786	ng		98
82) 3,3'-Dichlorobenzidine	21.257	252	1868558	40.194	ng		98
83) Chrysene	21.375	228	4211141	40.371	ng		99
84) Bis(2-ethylhexyl)phtha...	21.251	149	2675573	38.491	ng		98
85) Di-n-octyl phthalate	22.180	149	4470148	38.016	ng		100
87) Indeno(1,2,3-cd)pyrene	26.292	276	4361899	35.718	ng		98
88) Benzo(b)fluoranthene	23.022	252	4252720	42.969	ng		99
89) Benzo(k)fluoranthene	23.069	252	4087865	42.669	ng		99
90) Benzo(a)pyrene	23.651	252	3972103	41.580	ng		98
91) Dibenzo(a,h)anthracene	26.304	278	3680038	35.439	ng		99
92) Benzo(g,h,i)perylene	27.062	276	3490919	34.432	ng		98

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

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