Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009379.D
Acq On : 14 Mar 2022 13:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

Quant Time: Mar 15 00:58:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	231195	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	915738	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	583725	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	1255827	20.000	ng		0.00
76) Chrysene-d12	21.333	240	1357060	20.000	ng		0.00
86) Perylene-d12	23.739	264	1506751	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1260839	79.605	ng		0.01
7) Phenol-d6	7.016	99	1622351	80.603	ng		0.03
23) Nitrobenzene-d5	8.975	82	1454153	87.463	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	820278	116.376	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	3473364	81.830	ng		0.00
79) Terphenyl-d14	19.798	244	6119228	85.094	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	251091	37.243	ng		98
3) Pyridine	3.740	79	588948	40.986	ng		98
4) n-Nitrosodimethylamine	3.646	42	242899	40.532	ng		97
6) Aniline	7.146	93	1025049	40.206	ng		98
8) 2-Chlorophenol	7.393	128	677021	41.729	ng		96
9) Benzaldehyde	6.958	77	490652m	38.260	ng		
10) Phenol	7.040	94	828825	39.766	ng		97
11) bis(2-Chloroethyl)ether	7.246	93	633156	39.253	ng		96
12) 1,3-Dichlorobenzene	7.711	146	766176	40.083	ng		98
13) 1,4-Dichlorobenzene	7.852	146	777513	40.090	ng		100
14) 1,2-Dichlorobenzene	8.169	146	750106	40.468	ng		99
15) Benzyl Alcohol	8.063	79	601980	42.409	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.352	45	699018	33.386	ng		96
17) 2-Methylphenol	8.281	107	562364	41.682	ng		99
18) Hexachloroethane	8.899	117	270080	40.013	ng		94
19) n-Nitroso-di-n-propyla...	8.628	70	498252	41.044	ng		96
20) 3+4-Methylphenols	8.611	107	754857	41.748	ng		98
22) Acetophenone	8.640	105	1012268	41.352	ng	#	97
24) Nitrobenzene	9.016	77	735028	41.715	ng		96
25) Isophorone	9.546	82	1312660	42.209	ng		97
26) 2-Nitrophenol	9.728	139	366297	53.663	ng		93
27) 2,4-Dimethylphenol	9.805	122	625631	41.673	ng		99
28) bis(2-Chloroethoxy)met...	10.028	93	814939	40.043	ng		99
29) 2,4-Dichlorophenol	10.275	162	649221	44.837	ng		98
30) 1,2,4-Trichlorobenzene	10.481	180	722395	42.626	ng		99
31) Naphthalene	10.663	128	2083080	41.076	ng		100
32) Benzoic acid	9.969	122	398639	52.282	ng		94
33) 4-Chloroaniline	10.775	127	892671	43.052	ng		98
34) Hexachlorobutadiene	10.957	225	467200	45.269	ng		99
35) Caprolactam	11.563	113	223307	52.394	ng		97
36) 4-Chloro-3-methylphenol	11.928	107	686585	45.424	ng		99
37) 2-Methylnaphthalene	12.281	142	1507271	41.833	ng		100
38) 1-Methylnaphthalene	12.499	142	1394666	42.029	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	844269	42.919	ng		98
41) Hexachlorocyclopentadiene	12.634	237	484077	38.854	ng		99
43) 2,4,6-Trichlorophenol	12.899	196	545475	46.182	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.981	196	591438	45.651	ng		97
46)	1,1'-Biphenyl	13.293	154	1906654	40.007	ng		99
47)	2-Chloronaphthalene	13.334	162	1488738	41.241	ng		99
48)	2-Nitroaniline	13.540	65	415728	50.088	ng		92
49)	Acenaphthylene	14.181	152	2354004	42.205	ng		100
50)	Dimethylphthalate	13.922	163	1846163	42.881	ng		100
51)	2,6-Dinitrotoluene	14.034	165	407343	47.911	ng		95
52)	Acenaphthene	14.522	154	1492222m	41.744	ng		
53)	3-Nitroaniline	14.369	138	440382	48.762	ng		96
54)	2,4-Dinitrophenol	14.575	184	180883	49.686	ng		95
55)	Dibenzofuran	14.863	168	2259995	41.736	ng		99
56)	4-Nitrophenol	14.710	139	364497	48.530	ng		97
57)	2,4-Dinitrotoluene	14.828	165	569222	52.289	ng		94
58)	Fluorene	15.510	166	1808594	42.650	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.098	232	534589	49.006	ng		93
60)	Diethylphthalate	15.293	149	1846322	44.046	ng		99
61)	4-Chlorophenyl-phenyle...	15.510	204	950392	44.000	ng		97
62)	4-Nitroaniline	15.534	138	465917	53.201	ng		99
63)	Azobenzene	15.804	77	1649807	40.062	ng		96
65)	4,6-Dinitro-2-methylph...	15.592	198	307147	55.604	ng		95
66)	n-Nitrosodiphenylamine	15.728	169	1601504	40.626	ng		99
67)	4-Bromophenyl-phenylether	16.410	248	626598	46.247	ng		93
68)	Hexachlorobenzene	16.528	284	738882	46.495	ng		96
69)	Atrazine	16.687	200	634988	45.759	ng		97
70)	Pentachlorophenol	16.881	266	437716	45.763	ng		98
71)	Phenanthrene	17.263	178	2940533	40.743	ng		99
72)	Anthracene	17.357	178	2995086	41.692	ng		100
73)	Carbazole	17.634	167	2722511	41.592	ng		99
74)	Di-n-butylphthalate	18.192	149	3166888	43.712	ng		100
75)	Fluoranthene	19.239	202	3633231	43.614	ng		98
77)	Benzidine	19.422	184	1969823	41.587	ng		99
78)	Pyrene	19.592	202	3718704	40.586	ng		100
80)	Butylbenzylphthalate	20.480	149	1501869	45.412	ng		95
81)	Benzo(a)anthracene	21.316	228	3755853	40.833	ng		99
82)	3,3'-Dichlorobenzidine	21.251	252	1602256	47.454	ng	#	98
83)	Chrysene	21.369	228	3665529	41.045	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.251	149	2157338	40.787	ng		99
85)	Di-n-octyl phthalate	22.180	149	3823380	44.151	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.257	276	4898435	41.843	ng	#	95
88)	Benzo(b)fluoranthene	23.010	252	4182119	41.109	ng		98
89)	Benzo(k)fluoranthene	23.057	252	3812554	39.227	ng		98
90)	Benzo(a)pyrene	23.633	252	3977345	41.221	ng		98
91)	Dibenzo(a,h)anthracene	26.280	278	4147607	41.783	ng	#	96
92)	Benzo(g,h,i)perylene	27.021	276	4135768	42.174	ng	#	95

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

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