Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009158.D
Acq On : 15 Feb 2022 17:23
Operator : CG/JU
Sample : N1521-18MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP3-CMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/16/2022
Supervised By :Jagrut Upadhyay 02/16/2022

Quant Time: Feb 16 01:35:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 01:29:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	186671	20.000	ng		-0.01
21) Naphthalene-d8	10.581	136	640449	20.000	ng		0.00
39) Acenaphthene-d10	14.428	164	368063	20.000	ng		-0.01
64) Phenanthrene-d10	17.186	188	731027	20.000	ng		-0.01
76) Chrysene-d12	21.286	240	795426	20.000	ng		0.00
86) Perylene-d12	23.674	264	921392	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1112950	106.352	ng		0.00
7) Phenol-d6	6.981	99	1360424	98.660	ng		0.00
23) Nitrobenzene-d5	8.951	82	862788	75.971	ng		0.00
42) 2,4,6-Tribromophenol	15.933	330	571626	116.319	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	2010657	76.473	ng		0.00
79) Terphenyl-d14	19.751	244	2661391	60.170	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	175856	51.026	ng		97
3) Pyridine	3.687	79	427449	42.456	ng		99
4) n-Nitrosodimethylamine	3.599	42	194955	50.547	ng	#	92
6) Aniline	7.116	93	645353	41.233	ng		98
8) 2-Chlorophenol	7.357	128	570533	48.308	ng		97
9) Benzaldehyde	6.928	77	312314	44.714	ng		99
10) Phenol	7.004	94	668042	48.185	ng		95
11) bis(2-Chloroethyl)ether	7.210	93	523695	48.648	ng		98
12) 1,3-Dichlorobenzene	7.675	146	691626	50.636	ng		99
13) 1,4-Dichlorobenzene	7.816	146	696700	49.966	ng		98
14) 1,2-Dichlorobenzene	8.134	146	663010	49.065	ng		99
15) Benzyl Alcohol	8.040	79	431564m	49.165	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	579057	47.724	ng		99
17) 2-Methylphenol	8.251	107	426526	45.890	ng		97
18) Hexachloroethane	8.857	117	240520	52.072	ng		95
19) n-Nitroso-di-n-propyla...	8.598	70	362732	45.944	ng		97
20) 3+4-Methylphenols	8.587	107	559406	43.977	ng		96
22) Acetophenone	8.616	105	752854	50.285	ng	#	96
24) Nitrobenzene	8.993	77	551230	51.345	ng		95
25) Isophorone	9.522	82	984598	52.180	ng		98
26) 2-Nitrophenol	9.704	139	300850	54.182	ng		94
27) 2,4-Dimethylphenol	9.775	122	468165	56.388	ng		96
28) bis(2-Chloroethoxy)met...	9.998	93	618704	48.307	ng		98
29) 2,4-Dichlorophenol	10.257	162	519221	50.047	ng		100
30) 1,2,4-Trichlorobenzene	10.451	180	632178	51.824	ng		97
31) Naphthalene	10.634	128	1617271	49.510	ng		99
32) Benzoic acid	9.981	122	274558	41.394	ng		98
33) 4-Chloroaniline	10.763	127	374502	28.393	ng		99
34) Hexachlorobutadiene	10.916	225	402935	53.696	ng		99
35) Caprolactam	11.563	113	140822	46.290	ng		91
36) 4-Chloro-3-methylphenol	11.904	107	451723	45.645	ng		99
37) 2-Methylnaphthalene	12.245	142	1149939	49.748	ng		99
38) 1-Methylnaphthalene	12.469	142	1058422	46.860	ng		96
40) 1,2,4,5-Tetrachloroben...	12.622	216	670128	57.200	ng		99
41) Hexachlorocyclopentadiene	12.592	237	387593	87.534	ng		99
43) 2,4,6-Trichlorophenol	12.875	196	402587	51.819	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	428846	51.474	ng		97
46) 1,1'-Biphenyl	13.263	154	1438020	53.177	ng		99
47) 2-Chloronaphthalene	13.304	162	1130366	52.604	ng		100
48) 2-Nitroaniline	13.522	65	261925	52.605	ng		95
49) Acenaphthylene	14.151	152	1741462	53.755	ng		100
50) Dimethylphthalate	13.892	163	1317311	50.210	ng		100
51) 2,6-Dinitrotoluene	14.016	165	291935	53.353	ng		91
52) Acenaphthene	14.492	154	1008453	51.160	ng		98
53) 3-Nitroaniline	14.357	138	183365	32.763	ng		99
54) 2,4-Dinitrophenol	14.586	184	317921	83.566	ng		96
55) Dibenzofuran	14.833	168	1646425	49.578	ng		99
56) 4-Nitrophenol	14.704	139	383761	79.620	ng		88
57) 2,4-Dinitrotoluene	14.822	165	396818	55.530	ng	#	79
58) Fluorene	15.480	166	1296388	50.812	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.075	232	355191m	48.717	ng		
60) Diethylphthalate	15.257	149	1285236	51.808	ng		98
61) 4-Chlorophenyl-phenyle...	15.475	204	702102	50.648	ng		98
62) 4-Nitroaniline	15.527	138	285123m	50.667	ng		
63) Azobenzene	15.769	77	1077096	50.181	ng		93
65) 4,6-Dinitro-2-methylph...	15.598	198	208148	46.397	ng		92
66) n-Nitrosodiphenylamine	15.692	169	1139829	51.413	ng		99
67) 4-Bromophenyl-phenylether	16.374	248	438781	51.796	ng		98
68) Hexachlorobenzene	16.498	284	506618	53.389	ng		97
69) Atrazine	16.657	200	427147	58.104	ng		99
70) Pentachlorophenol	16.857	266	514880	103.048	ng		99
71) Phenanthrene	17.233	178	2019316	51.015	ng		99
72) Anthracene	17.322	178	2076732	53.625	ng		99
73) Carbazole	17.604	167	1865785	50.261	ng		99
74) Di-n-butylphthalate	18.145	149	2218982	58.996	ng		99
75) Fluoranthene	19.204	202	2437950	54.953	ng		97
77) Benzidine	19.386	184	1658622	99.789	ng		98
78) Pyrene	19.557	202	2521934	44.570	ng		99
80) Butylbenzylphthalate	20.427	149	1009653	51.893	ng		98
81) Benzo(a)anthracene	21.268	228	2611246	50.942	ng		97
82) 3,3'-Dichlorobenzidine	21.204	252	841473	47.346	ng		98
83) Chrysene	21.321	228	2457858	49.739	ng		99
84) Bis(2-ethylhexyl)phtha...	21.186	149	1520782	59.091	ng		97
85) Di-n-octyl phthalate	22.104	149	2653418	64.452	ng		100
87) Indeno(1,2,3-cd)pyrene	26.180	276	3657434	53.423	ng		97
88) Benzo(b)fluoranthene	22.945	252	2848442	50.217	ng		98
89) Benzo(k)fluoranthene	22.998	252	2852144m	50.399	ng		
90) Benzo(a)pyrene	23.568	252	2876782	60.832	ng		98
91) Dibenzo(a,h)anthracene	26.186	278	3153543	56.052	ng		98
92) Benzo(g,h,i)perylene	26.939	276	3123917	55.767	ng		98

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

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