Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009143.D
Acq On : 14 Feb 2022 20:00
Operator : CG/JU
Sample : N1443-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-SOUTH-COMPMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

Quant Time: Feb 14 23:59:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	205972	20.000	ng		-0.01
21) Naphthalene-d8	10.587	136	722805	20.000	ng		-0.02
39) Acenaphthene-d10	14.434	164	427711	20.000	ng		-0.01
64) Phenanthrene-d10	17.192	188	859208	20.000	ng		-0.01
76) Chrysene-d12	21.292	240	1025682	20.000	ng		0.00
86) Perylene-d12	23.686	264	1242895	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1342194	116.240	ng		0.00
7) Phenol-d6	6.987	99	1670179	109.773	ng		0.00
23) Nitrobenzene-d5	8.957	82	1062751	82.917	ng		-0.01
42) 2,4,6-Tribromophenol	15.939	330	667300	116.851	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	2516590	82.368	ng		-0.01
79) Terphenyl-d14	19.757	244	3545362	62.161	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	186742	49.107	ng		97
3) Pyridine	3.693	79	471808	42.471	ng		96
4) n-Nitrosodimethylamine	3.605	42	212015	49.819	ng		79
6) Aniline	7.122	93	334878	19.391	ng		97
8) 2-Chlorophenol	7.363	128	596038	45.739	ng		98
9) Benzaldehyde	6.934	77	343970	44.632	ng		95
10) Phenol	7.016	94	722399	47.223	ng		94
11) bis(2-Chloroethyl)ether	7.216	93	536112	45.135	ng		96
12) 1,3-Dichlorobenzene	7.681	146	715815	47.496	ng		98
13) 1,4-Dichlorobenzene	7.828	146	728615	47.358	ng		100
14) 1,2-Dichlorobenzene	8.140	146	668019	44.803	ng		99
15) Benzyl Alcohol	8.046	79	453232m	46.795	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	568492	42.463	ng		98
17) 2-Methylphenol	8.257	107	444803	43.372	ng		96
18) Hexachloroethane	8.863	117	242859	47.651	ng		96
19) n-Nitroso-di-n-propyla...	8.604	70	388154	44.557	ng		97
20) 3+4-Methylphenols	8.587	107	598084	42.612	ng		95
22) Acetophenone	8.616	105	823842	48.757	ng	#	95
24) Nitrobenzene	8.999	77	588386	48.561	ng		96
25) Isophorone	9.528	82	1017521	47.781	ng		97
26) 2-Nitrophenol	9.710	139	303996	48.511	ng		94
27) 2,4-Dimethylphenol	9.781	122	478288	51.044	ng		97
28) bis(2-Chloroethoxy)met...	10.004	93	626625	43.351	ng		99
29) 2,4-Dichlorophenol	10.263	162	556038	47.489	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	648721	47.121	ng		98
31) Naphthalene	10.640	128	1723593	46.753	ng		99
32) Benzoic acid	9.987	122	304108	40.777	ng		95
33) 4-Chloroaniline	10.769	127	162238	10.899	ng		98
34) Hexachlorobutadiene	10.922	225	407796	48.152	ng		98
35) Caprolactam	11.569	113	151035	43.991	ng		94
36) 4-Chloro-3-methylphenol	11.910	107	493786	44.210	ng		97
37) 2-Methylnaphthalene	12.251	142	1203213	46.122	ng		98
38) 1-Methylnaphthalene	12.475	142	1126088	44.175	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	694433	51.009	ng		99
41) Hexachlorocyclopentadiene	12.598	237	285784	58.705	ng		99
43) 2,4,6-Trichlorophenol	12.881	196	436162	48.312	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	467569	48.296	ng		97
46) 1,1'-Biphenyl	13.269	154	1540011	49.006	ng		97
47) 2-Chloronaphthalene	13.310	162	1217500	48.757	ng		99
48) 2-Nitroaniline	13.528	65	290688	50.240	ng		98
49) Acenaphthylene	14.157	152	1891265	50.237	ng		99
50) Dimethylphthalate	13.898	163	1422473	46.657	ng		99
51) 2,6-Dinitrotoluene	14.022	165	316911	49.840	ng		90
52) Acenaphthene	14.498	154	1075949	46.972	ng		99
53) 3-Nitroaniline	14.363	138	99814	15.347	ng		97
54) 2,4-Dinitrophenol	14.587	184	299296	72.158	ng		92
55) Dibenzofuran	14.839	168	1778305	46.081	ng		99
56) 4-Nitrophenol	14.716	139	447550	79.837	ng		88
57) 2,4-Dinitrotoluene	14.822	165	429390	51.709	ng	#	83
58) Fluorene	15.486	166	1406368	47.435	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.081	232	385787	45.534	ng	#	87
60) Diethylphthalate	15.263	149	1356266	47.047	ng		99
61) 4-Chlorophenyl-phenyle...	15.481	204	746620	46.348	ng		97
62) 4-Nitroaniline	15.528	138	297799m	45.540	ng		
63) Azobenzene	15.775	77	1158479	46.446	ng		94
65) 4,6-Dinitro-2-methylph...	15.598	198	213520	40.494	ng		92
66) n-Nitrosodiphenylamine	15.698	169	1230683	47.229	ng		99
67) 4-Bromophenyl-phenylether	16.381	248	467364	46.940	ng		100
68) Hexachlorobenzene	16.504	284	538482	48.281	ng		97
69) Atrazine	16.663	200	457581	52.958	ng		99
70) Pentachlorophenol	16.863	266	548297	93.365	ng		100
71) Phenanthrene	17.239	178	2224396	47.812	ng		97
72) Anthracene	17.328	178	2243200	49.282	ng		100
73) Carbazole	17.604	167	2073455	47.523	ng		98
74) Di-n-butylphthalate	18.151	149	2310067	52.255	ng		99
75) Fluoranthene	19.210	202	2764045	53.009	ng		96
77) Benzidine	19.392	184	918426	42.852	ng		98
78) Pyrene	19.563	202	2946156	40.379	ng		99
80) Butylbenzylphthalate	20.433	149	1106786	44.115	ng		98
81) Benzo(a)anthracene	21.274	228	3080102	46.599	ng		98
82) 3,3'-Dichlorobenzidine	21.210	252	925448	40.382	ng		97
83) Chrysene	21.327	228	2937374	46.099	ng		98
84) Bis(2-ethylhexyl)phtha...	21.192	149	1639820	49.412	ng		97
85) Di-n-octyl phthalate	22.110	149	2979760	56.131	ng		99
87) Indeno(1,2,3-cd)pyrene	26.198	276	4293802	46.495	ng		97
88) Benzo(b)fluoranthene	22.957	252	3594195	46.974	ng		99
89) Benzo(k)fluoranthene	23.004	252	3404225	44.595	ng		99
90) Benzo(a)pyrene	23.586	252	3527301	55.294	ng		98
91) Dibenzo(a,h)anthracene	26.198	278	3673172	48.400	ng		98
92) Benzo(g,h,i)perylene	26.956	276	3731647	49.384	ng		98

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

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