Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012622\
Data File : BP008931.D
Acq On : 26 Jan 2022 16:07
Operator : CG/JU
Sample : N1245-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-3(3-3.5)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022

Quant Time: Jan 27 05:22:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 26 01:52:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	236903	20.000	ng		0.00
21) Naphthalene-d8	10.634	136	890336	20.000	ng		0.00
39) Acenaphthene-d10	14.475	164	567399	20.000	ng		0.00
64) Phenanthrene-d10	17.228	188	1191712	20.000	ng		-0.01
76) Chrysene-d12	21.327	240	1339904	20.000	ng		0.00
86) Perylene-d12	23.739	264	1483486	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1755587	114.598	ng		0.00
7) Phenol-d6	7.016	99	2186544	117.867	ng		0.00
23) Nitrobenzene-d5	8.993	82	1293700	82.495	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	1030911	124.822	ng		-0.01
45) 2-Fluorobiphenyl	13.098	172	3150366	73.220	ng		0.00
79) Terphenyl-d14	19.792	244	4886362	61.556	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	211109	34.046	ng		96
3) Pyridine	3.722	79	571444	44.002	ng		95
4) n-Nitrosodimethylamine	3.634	42	261332	42.891	ng		86
6) Aniline	7.158	93	780870	33.725	ng		97
8) 2-Chlorophenol	7.405	128	720531	44.162	ng		99
9) Benzaldehyde	6.975	77	461298	37.205	ng		98
10) Phenol	7.040	94	881612	46.615	ng		95
11) bis(2-Chloroethyl)ether	7.258	93	632183	42.012	ng		99
12) 1,3-Dichlorobenzene	7.722	146	788498	40.582	ng		98
13) 1,4-Dichlorobenzene	7.869	146	805086	40.884	ng		100
14) 1,2-Dichlorobenzene	8.187	146	768179	40.911	ng		100
15) Benzyl Alcohol	8.081	79	576859	44.324	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.369	45	690406	41.028	ng		99
17) 2-Methylphenol	8.287	107	561880	44.346	ng		97
18) Hexachloroethane	8.910	117	274970	41.141	ng		98
19) n-Nitroso-di-n-propyla...	8.646	70	468180	43.174	ng		97
20) 3+4-Methylphenols	8.616	107	763472	45.391	ng		98
22) Acetophenone	8.657	105	981943	43.295	ng	#	97
24) Nitrobenzene	9.034	77	703800	44.430	ng		97
25) Isophorone	9.563	82	1279206	45.137	ng		97
26) 2-Nitrophenol	9.746	139	381949	45.864	ng		95
27) 2,4-Dimethylphenol	9.816	122	641430	45.174	ng		99
28) bis(2-Chloroethoxy)met...	10.046	93	799014	43.205	ng		99
29) 2,4-Dichlorophenol	10.293	162	700506	45.209	ng		100
30) 1,2,4-Trichlorobenzene	10.499	180	770016	42.425	ng		100
31) Naphthalene	10.687	128	2085169	43.120	ng		100
32) Benzoic acid	9.999	122	477325	58.576	ng		95
33) 4-Chloroaniline	10.799	127	501043	25.426	ng		98
34) Hexachlorobutadiene	10.969	225	469682	41.418	ng		99
35) Caprolactam	11.599	113	209318m	49.004	ng		
36) 4-Chloro-3-methylphenol	11.940	107	655348	46.882	ng		99
37) 2-Methylnaphthalene	12.298	142	1506334	42.611	ng		98
38) 1-Methylnaphthalene	12.516	142	1416587	43.657	ng		99
40) 1,2,4,5-Tetrachloroben...	12.669	216	869773	42.043	ng		99
41) Hexachlorocyclopentadiene	12.646	237	760064	71.801	ng		99
43) 2,4,6-Trichlorophenol	12.916	196	581481	45.460	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.993	196	631308	45.857	ng	97
46) 1,1'-Biphenyl	13.310	154	1962881	42.520	ng	99
47) 2-Chloronaphthalene	13.351	162	1531087	43.014	ng	99
48) 2-Nitroaniline	13.557	65	388111	49.106	ng	97
49) Acenaphthylene	14.198	152	2452589	45.606	ng	100
50) Dimethylphthalate	13.940	163	1861751	44.180	ng	100
51) 2,6-Dinitrotoluene	14.057	165	419375	46.924	ng	94
52) Acenaphthene	14.540	154	1417148	44.430	ng	99
53) 3-Nitroaniline	14.387	138	290613	33.063	ng	99
54) 2,4-Dinitrophenol	14.604	184	398149	110.154	ng	96
55) Dibenzofuran	14.875	168	2299247	44.238	ng	98
56) 4-Nitrophenol	14.716	139	727998	115.020	ng	94
57) 2,4-Dinitrotoluene	14.851	165	571462	49.711	ng	92
58) Fluorene	15.528	166	1884010	45.893	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	543046m	47.886	ng	
60) Diethylphthalate	15.304	149	1825301	45.651	ng	98
61) 4-Chlorophenyl-phenyle...	15.522	204	996792	44.574	ng	99
62) 4-Nitroaniline	15.551	138	413855	48.617	ng	91
63) Azobenzene	15.816	77	1553355	46.793	ng	96
65) 4,6-Dinitro-2-methylph...	15.616	198	261514	43.923	ng	90
66) n-Nitrosodiphenylamine	15.739	169	1634093	42.605	ng	100
67) 4-Bromophenyl-phenylether	16.416	248	624180	41.945	ng	98
68) Hexachlorobenzene	16.539	284	718879	42.158	ng	98
69) Atrazine	16.698	200	621649	43.615	ng	98
70) Pentachlorophenol	16.886	266	917741	101.039	ng	100
71) Phenanthrene	17.275	178	3045766	45.393	ng	100
72) Anthracene	17.363	178	3053971	45.372	ng	99
73) Carbazole	17.639	167	2795520	48.302	ng	99
74) Di-n-butylphthalate	18.192	149	3272955	46.991	ng	99
75) Fluoranthene	19.245	202	3912920	52.441	ng	97
77) Benzidine	19.427	184	2499543	52.804	ng	98
78) Pyrene	19.598	202	4049368	43.312	ng	98
80) Butylbenzylphthalate	20.469	149	1594283	42.400	ng	99
81) Benzo(a)anthracene	21.310	228	4148460	46.021	ng	98
82) 3,3'-Dichlorobenzidine	21.239	252	1456090	37.390	ng	99
83) Chrysene	21.363	228	3959957	45.317	ng	98
84) Bis(2-ethylhexyl)phtha...	21.233	149	2366601	40.642	ng	97
85) Di-n-octyl phthalate	22.157	149	4236712	43.011	ng	100
87) Indeno(1,2,3-cd)pyrene	26.262	276	4985571	40.784	ng	98
88) Benzo(b)fluoranthene	23.004	252	4676342	47.202	ng	99
89) Benzo(k)fluoranthene	23.051	252	4222162	44.027	ng	98
90) Benzo(a)pyrene	23.633	252	4353780	45.529	ng	99
91) Dibenzo(a,h)anthracene	26.274	278	4179722	40.211	ng	99
92) Benzo(g,h,i)perylene	27.033	276	4173734	41.125	ng	99

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

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