Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120221\
Data File : BP008193.D
Acq On : 02 Dec 2021 16:03
Operator : CG/JU
Sample : M4891-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MINEBROOK-2-COMPMS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

Quant Time: Dec 03 03:35:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 01 12:06:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	70256	20.000	ng	-0.02
21) Naphthalene-d8	10.593	136	266387	20.000	ng	-0.02
39) Acenaphthene-d10	14.445	164	172267	20.000	ng	-0.01
64) Phenanthrene-d10	17.204	188	365504	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	404003	20.000	ng	0.00
86) Perylene-d12	23.704	264	459445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	575752	131.948	ng	-0.01
7) Phenol-d6	6.987	99	748602	127.089	ng	-0.01
23) Nitrobenzene-d5	8.957	82	507478	86.628	ng	-0.02
42) 2,4,6-Tribromophenol	15.945	330	297811	135.254	ng	-0.01
45) 2-Fluorobiphenyl	13.063	172	1003679	84.629	ng	-0.02
79) Terphenyl-d14	19.774	244	1513161	78.276	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	82761	40.654	ng	97
3) Pyridine	3.693	79	213971	39.381	ng	99
4) n-Nitrosodimethylamine	3.605	42	111344	49.131	ng	93
6) Aniline	7.128	93	224896	32.571	ng	97
8) 2-Chlorophenol	7.369	128	223648	50.069	ng	98
9) Benzaldehyde	6.940	77	136339	42.009	ng	97
10) Phenol	7.010	94	320050	52.874	ng	99
11) bis(2-Chloroethyl)ether	7.222	93	225951	46.702	ng	98
12) 1,3-Dichlorobenzene	7.687	146	243292	47.187	ng	99
13) 1,4-Dichlorobenzene	7.834	146	249675	47.763	ng	97
14) 1,2-Dichlorobenzene	8.146	146	239616	46.091	ng	98
15) Benzyl Alcohol	8.046	79	240615	51.557	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	333619	45.700	ng	99
17) 2-Methylphenol	8.257	107	198336	50.365	ng	97
18) Hexachloroethane	8.875	117	94369	48.551	ng	91
19) n-Nitroso-di-n-propyla...	8.610	70	186020	45.639	ng	97
20) 3+4-Methylphenols	8.587	107	262885	48.369	ng	99
22) Acetophenone	8.622	105	340830	46.776	ng	98
24) Nitrobenzene	8.999	77	276874	48.736	ng	98
25) Isophorone	9.534	82	483394	47.166	ng	100
26) 2-Nitrophenol	9.710	139	122594	50.015	ng	95
27) 2,4-Dimethylphenol	9.787	122	204603	55.815	ng	96
28) bis(2-Chloroethoxy)met...	10.010	93	287912	44.078	ng	99
29) 2,4-Dichlorophenol	10.257	162	219617	50.162	ng	99
30) 1,2,4-Trichlorobenzene	10.463	180	241546	47.534	ng	97
31) Naphthalene	10.645	128	643592	47.163	ng	100
32) Benzoic acid	9.969	122	147245	49.104	ng	98
33) 4-Chloroaniline	10.763	127	100634	17.776	ng	98
34) Hexachlorobutadiene	10.934	225	168156	48.354	ng	97
35) Caprolactam	11.569	113	71519m	73.539	ng	
36) 4-Chloro-3-methylphenol	11.904	107	248178	49.587	ng	97
37) 2-Methylnaphthalene	12.263	142	469453	48.640	ng	97
38) 1-Methylnaphthalene	12.481	142	431410	45.921	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	276730	49.453	ng	99
41) Hexachlorocyclopentadiene	12.610	237	258861	120.323	ng	99
43) 2,4,6-Trichlorophenol	12.881	196	185717	48.985	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	203082	49.989	ng		98
46) 1,1'-Biphenyl	13.275	154	587772	47.027	ng		98
47) 2-Chloronaphthalene	13.316	162	475910	48.215	ng		98
48) 2-Nitroaniline	13.528	65	172965	50.852	ng		99
49) Acenaphthylene	14.163	152	745770	48.975	ng		99
50) Dimethylphthalate	13.910	163	608665	47.052	ng		100
51) 2,6-Dinitrotoluene	14.028	165	136222	50.740	ng		97
52) Acenaphthene	14.510	154	433552	47.775	ng		99
53) 3-Nitroaniline	14.357	138	67906	24.958	ng		97
54) 2,4-Dinitrophenol	14.581	184	162299	102.246	ng		96
55) Dibenzofuran	14.845	168	703921	45.392	ng		98
56) 4-Nitrophenol	14.692	139	212369	101.835	ng		91
57) 2,4-Dinitrotoluene	14.822	165	186741	50.685	ng		98
58) Fluorene	15.498	166	557360	44.237	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.081	232	172223m	47.673	ng		
60) Diethylphthalate	15.275	149	643728	50.146	ng		99
61) 4-Chlorophenyl-phenyle...	15.492	204	300633	43.501	ng		98
62) 4-Nitroaniline	15.528	138	130394	46.186	ng		97
63) Azobenzene	15.786	77	601883	45.838	ng		98
65) 4,6-Dinitro-2-methylph...	15.598	198	111122	46.482	ng		99
66) n-Nitrosodiphenylamine	15.710	169	502967	47.506	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	196346	48.309	ng		100
68) Hexachlorobenzene	16.510	284	219578	50.541	ng		97
69) Atrazine	16.675	200	210132	76.472	ng		98
70) Pentachlorophenol	16.863	266	262027	101.427	ng		98
71) Phenanthrene	17.251	178	917785	47.559	ng		99
72) Anthracene	17.339	178	949027	49.554	ng		100
73) Carbazole	17.616	167	855469	45.759	ng		100
74) Di-n-butylphthalate	18.174	149	1045700	44.682	ng		99
75) Fluoranthene	19.227	202	1148412	44.175	ng		98
77) Benzidine	19.404	184	558786	100.831	ng		97
78) Pyrene	19.580	202	1184336	46.637	ng		99
80) Butylbenzylphthalate	20.457	149	494029	42.943	ng		98
81) Benzo(a)anthracene	21.292	228	1231023	45.976	ng		100
82) 3,3'-Dichlorobenzidine	21.227	252	315872	25.039	ng		100
83) Chrysene	21.345	228	1198200	47.027	ng		100
84) Bis(2-ethylhexyl)phtha...	21.221	149	711295	40.722	ng		99
85) Di-n-octyl phthalate	22.145	149	1282503	43.222	ng		99
87) Indeno(1,2,3-cd)pyrene	26.209	276	1611450	48.211	ng		97
88) Benzo(b)fluoranthene	22.974	252	1318161	47.591	ng		99
89) Benzo(k)fluoranthene	23.027	252	1308730	48.264	ng		99
90) Benzo(a)pyrene	23.604	252	1309928	55.336	ng	#	97
91) Dibenzo(a,h)anthracene	26.227	278	1362344	49.076	ng		98
92) Benzo(g,h,i)perylene	26.980	276	1374848	49.093	ng		96

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

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