Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120221\
Data File : BP008194.D
Acq On : 02 Dec 2021 16:36
Operator : CG/JU
Sample : M4891-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MINEBROOK-2-COMPMSD

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

Quant Time: Dec 03 03:35:59 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	7.793	152	68810	20.000	ng		-0.02
21) Naphthalene-d8	10.593	136	250715	20.000	ng		-0.02
39) Acenaphthene-d10	14.445	164	156020	20.000	ng		-0.01
64) Phenanthrene-d10	17.204	188	324778	20.000	ng		-0.01
76) Chrysene-d12	21.310	240	362623	20.000	ng		0.00
86) Perylene-d12	23.704	264	434570	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	537561	125.785	ng		-0.02
7) Phenol-d6	6.981	99	688326	119.312	ng		-0.02
23) Nitrobenzene-d5	8.958	82	475200	86.189	ng		-0.02
42) 2,4,6-Tribromophenol	15.945	330	263041	131.903	ng		-0.01
45) 2-Fluorobiphenyl	13.063	172	916109	85.289	ng		-0.02
79) Terphenyl-d14	19.775	244	1307287	75.344	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	85588	42.927	ng		98
3) Pyridine	3.693	79	215264	40.452	ng		99
4) n-Nitrosodimethylamine	3.605	42	107474	48.420	ng		96
6) Aniline	7.122	93	201828	29.845	ng		96
8) 2-Chlorophenol	7.363	128	208513	47.662	ng		98
9) Benzaldehyde	6.940	77	130058	40.786	ng		99
10) Phenol	7.011	94	290957	49.078	ng		99
11) bis(2-Chloroethyl)ether	7.222	93	214437	45.253	ng		100
12) 1,3-Dichlorobenzene	7.681	146	236530	46.840	ng		99
13) 1,4-Dichlorobenzene	7.828	146	242818	47.427	ng		99
14) 1,2-Dichlorobenzene	8.146	146	232117	45.587	ng		98
15) Benzyl Alcohol	8.046	79	221959	48.559	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	318236	44.509	ng		99
17) 2-Methylphenol	8.252	107	180077	46.689	ng		97
18) Hexachloroethane	8.869	117	91517	48.074	ng		94
19) n-Nitroso-di-n-propyla...	8.610	70	175674	44.007	ng		98
20) 3+4-Methylphenols	8.581	107	242751	45.604	ng		98
22) Acetophenone	8.622	105	320964	46.803	ng	#	98
24) Nitrobenzene	8.999	77	258676	48.379	ng		97
25) Isophorone	9.528	82	447756	46.420	ng		98
26) 2-Nitrophenol	9.710	139	113789	49.325	ng		96
27) 2,4-Dimethylphenol	9.781	122	186838	54.154	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	265524	43.192	ng		98
29) 2,4-Dichlorophenol	10.252	162	200367	48.626	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	226526	47.364	ng		98
31) Naphthalene	10.646	128	600197	46.732	ng		99
32) Benzoic acid	9.957	122	128896	45.672	ng		98
33) 4-Chloroaniline	10.763	127	90058	16.902	ng		98
34) Hexachlorobutadiene	10.934	225	161003	49.191	ng		97
35) Caprolactam	11.563	113	62700	68.501	ng		97
36) 4-Chloro-3-methylphenol	11.904	107	221721	47.070	ng		96
37) 2-Methylnaphthalene	12.257	142	432434	47.605	ng		99
38) 1-Methylnaphthalene	12.481	142	399948	45.233	ng		100
40) 1,2,4,5-Tetrachloroben...	12.634	216	256456	50.602	ng		99
41) Hexachlorocyclopentadiene	12.610	237	235460	120.843	ng		99
43) 2,4,6-Trichlorophenol	12.881	196	166107	48.375	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	180232	48.984	ng	98
46) 1,1'-Biphenyl	13.275	154	533093	47.093	ng	99
47) 2-Chloronaphthalene	13.316	162	433296	48.469	ng	99
48) 2-Nitroaniline	13.528	65	154065	50.012	ng	98
49) Acenaphthylene	14.163	152	672591	48.769	ng	98
50) Dimethylphthalate	13.910	163	543518	46.392	ng	99
51) 2,6-Dinitrotoluene	14.028	165	119686	49.223	ng	96
52) Acenaphthene	14.510	154	391760	47.666	ng	100
53) 3-Nitroaniline	14.357	138	58702	23.822	ng	98
54) 2,4-Dinitrophenol	14.581	184	145085	100.919	ng	95
55) Dibenzofuran	14.845	168	645171	45.936	ng	98
56) 4-Nitrophenol	14.687	139	182704	96.734	ng	86
57) 2,4-Dinitrotoluene	14.822	165	167975	50.339	ng	99
58) Fluorene	15.498	166	501227	43.924	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.081	232	152520m	46.616	ng	
60) Diethylphthalate	15.275	149	557265	47.931	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	268521	42.901	ng	99
62) 4-Nitroaniline	15.528	138	111745	43.702	ng	94
63) Azobenzene	15.787	77	536082	45.078	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	98846	46.532	ng	98
66) n-Nitrosodiphenylamine	15.710	169	445732	47.379	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	171943	47.610	ng	100
68) Hexachlorobenzene	16.510	284	193271	50.064	ng	98
69) Atrazine	16.675	200	181663	74.402	ng	97
70) Pentachlorophenol	16.863	266	231055	100.653	ng	100
71) Phenanthrene	17.245	178	804736	46.930	ng	99
72) Anthracene	17.339	178	833563	48.983	ng	99
73) Carbazole	17.616	167	747932	45.023	ng	99
74) Di-n-butylphthalate	18.169	149	911627	43.838	ng	99
75) Fluoranthene	19.222	202	1006455	43.569	ng	99
77) Benzidine	19.404	184	480213	96.541	ng	98
78) Pyrene	19.580	202	1041193	45.623	ng	100
80) Butylbenzylphthalate	20.457	149	430729	41.713	ng	100
81) Benzo(a)anthracene	21.292	228	1091364	45.411	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	286101	25.267	ng	98
83) Chrysene	21.345	228	1074309	46.976	ng	100
84) Bis(2-ethylhexyl)phtha...	21.222	149	611319	38.992	ng	99
85) Di-n-octyl phthalate	22.145	149	1126588	42.300	ng	99
87) Indeno(1,2,3-cd)pyrene	26.215	276	1576620	49.869	ng	97
88) Benzo(b)fluoranthene	22.974	252	1223900	46.717	ng	99
89) Benzo(k)fluoranthene	23.027	252	1214893	47.368	ng	99
90) Benzo(a)pyrene	23.598	252	1244509	55.581	ng	99
91) Dibenzo(a,h)anthracene	26.221	278	1341369	51.087	ng	98
92) Benzo(g,h,i)perylene	26.974	276	1344942	50.774	ng	97

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

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