Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007218.D
Acq On : 27 Sep 2021 22:23
Operator : CG/JU
Sample : M3950-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-092421MSD

Manual Integrations APPROVED
mohammad
9/28/2021 1:41:41 PM

Quant Time: Sep 28 02:52:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.881	152	271274	20.000	ng		-0.01
21) Naphthalene-d8	10.687	136	1107607	20.000	ng		0.00
39) Acenaphthene-d10	14.522	164	739875	20.000	ng		0.00
64) Phenanthrene-d10	17.275	188	1501816	20.000	ng		0.00
76) Chrysene-d12	21.357	240	1136519	20.000	ng		0.00
86) Perylene-d12	23.774	264	1207980	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.464	112	1556420	96.042	ng		0.00
7) Phenol-d6	7.063	99	1941111	87.638	ng		0.00
23) Nitrobenzene-d5	9.052	82	1154306	60.692	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	1025797	106.942	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	3097356	59.974	ng		0.00
79) Terphenyl-d14	19.827	244	4000736	67.456	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	165523	25.257	ng	#	87
3) Pyridine	3.752	79	424229	23.656	ng	#	85
4) n-Nitrosodimethylamine	3.658	42	197650	32.149	ng	#	83
6) Aniline	7.211	93	537090	21.999	ng		100
8) 2-Chlorophenol	7.452	128	646605	36.713	ng		99
9) Benzaldehyde	7.022	77	373164m	29.909	ng		
10) Phenol	7.093	94	758614	35.525	ng		94
11) bis(2-Chloroethyl)ether	7.311	93	555559	32.959	ng		97
12) 1,3-Dichlorobenzene	7.769	146	690801	34.772	ng		97
13) 1,4-Dichlorobenzene	7.916	146	709121	35.012	ng		98
14) 1,2-Dichlorobenzene	8.234	146	689011	35.106	ng		98
15) Benzyl Alcohol	8.128	79	518003	36.515	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.416	45	644863	33.411	ng		91
17) 2-Methylphenol	8.340	107	531932	36.951	ng		94
18) Hexachloroethane	8.957	117	170129	25.019	ng		95
19) n-Nitroso-di-n-propyla...	8.699	70	399754	33.184	ng		97
20) 3+4-Methylphenols	8.669	107	709972	35.668	ng		95
22) Acetophenone	8.710	105	886738	33.226	ng	#	99
24) Nitrobenzene	9.093	77	625486	34.494	ng		96
25) Isophorone	9.622	82	1131196	34.109	ng		98
26) 2-Nitrophenol	9.804	139	261705	27.678	ng	#	87
27) 2,4-Dimethylphenol	9.869	122	594673	39.944	ng		97
28) bis(2-Chloroethoxy)met...	10.099	93	728231	31.124	ng		99
29) 2,4-Dichlorophenol	10.340	162	654961	37.713	ng		98
30) 1,2,4-Trichlorobenzene	10.552	180	704560	35.611	ng		98
31) Naphthalene	10.740	128	1938884	34.299	ng		99
32) Benzoic acid	10.046	122	437412	38.227	ng		97
33) 4-Chloroaniline	10.852	127	452137	19.360	ng		99
34) Hexachlorobutadiene	11.016	225	456328	38.521	ng		99
35) Caprolactam	11.669	113	199089	37.263	ng	#	75
36) 4-Chloro-3-methylphenol	11.987	107	645175	36.548	ng		99
37) 2-Methylnaphthalene	12.346	142	1456542	36.798	ng		97
38) 1-Methylnaphthalene	12.569	142	1345347	34.786	ng		99
40) 1,2,4,5-Tetrachloroben...	12.716	216	829126	36.594	ng	#	97
41) Hexachlorocyclopentadiene	12.693	237	186528	14.854	ng		97
43) 2,4,6-Trichlorophenol	12.957	196	558081	36.098	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007218.D
Acq On : 27 Sep 2021 22:23
Operator : CG/JU
Sample : M3950-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-092421MSD

Manual Integrations APPROVED
mohammad
9/28/2021 1:41:41 PM

Quant Time: Sep 28 02:52:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	611294	36.718	ng		96
46) 1,1'-Biphenyl	13.357	154	1805437	32.806	ng		100
47) 2-Chloronaphthalene	13.398	162	1473218	34.558	ng		98
48) 2-Nitroaniline	13.604	65	410682	39.512	ng		91
49) Acenaphthylene	14.245	152	2325412	35.416	ng		100
50) Dimethylphthalate	13.981	163	1786170	33.566	ng		100
51) 2,6-Dinitrotoluene	14.104	165	371028	34.133	ng		88
52) Acenaphthene	14.587	154	1370628	34.454	ng		99
53) 3-Nitroaniline	14.434	138	410809	34.953	ng		96
54) 2,4-Dinitrophenol	14.645	184	86175	13.762	ng		93
55) Dibenzofuran	14.922	168	2233595	33.652	ng		96
56) 4-Nitrophenol	14.751	139	660461	69.219	ng	#	82
57) 2,4-Dinitrotoluene	14.892	165	494672	34.486	ng		90
58) Fluorene	15.569	166	1772559	34.569	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	528224	36.132	ng		94
60) Diethylphthalate	15.345	149	1801462	34.937	ng		97
61) 4-Chlorophenyl-phenyle...	15.563	204	936302	34.555	ng		92
62) 4-Nitroaniline	15.598	138	458275	38.771	ng	#	82
63) Azobenzene	15.857	77	1472472	32.954	ng		91
65) 4,6-Dinitro-2-methylph...	15.663	198	62193	6.901	ng		98
66) n-Nitrosodiphenylamine	15.781	169	1567102	35.070	ng		100
67) 4-Bromophenyl-phenylether	16.457	248	619316	37.626	ng		94
68) Hexachlorobenzene	16.581	284	715853	39.352	ng		95
69) Atrazine	16.739	200	557374	35.386	ng		97
70) Pentachlorophenol	16.928	266	800991	70.902	ng		99
71) Phenanthrene	17.316	178	2799413	34.764	ng		99
72) Anthracene	17.404	178	2854431	36.236	ng		99
73) Carbazole	17.681	167	2462202	31.897	ng		98
74) Di-n-butylphthalate	18.228	149	3119393	36.464	ng		99
75) Fluoranthene	19.280	202	3017173	32.521	ng		98
77) Benzidine	19.463	184	2131431	61.025	ng		99
78) Pyrene	19.633	202	2985227	40.035	ng		99
80) Butylbenzylphthalate	20.498	149	1169790	39.174	ng		95
81) Benzo(a)anthracene	21.345	228	2592969	35.149	ng		99
82) 3,3'-Dichlorobenzidine	21.269	252	970323	38.300	ng		98
83) Chrysene	21.392	228	2483514	35.224	ng		98
84) Bis(2-ethylhexyl)phtha...	21.263	149	1607716	37.448	ng		97
85) Di-n-octyl phthalate	22.186	149	2661507	36.413	ng		99
87) Indeno(1,2,3-cd)pyrene	26.315	276	3109594	35.820	ng		99
88) Benzo(b)fluoranthene	23.033	252	2816975	39.021	ng		99
89) Benzo(k)fluoranthene	23.086	252	2471011	33.807	ng		99
90) Benzo(a)pyrene	23.668	252	2628039	42.849	ng		99
91) Dibenzo(a,h)anthracene	26.327	278	2574457	35.387	ng		97
92) Benzo(g,h,i)perylene	27.098	276	2625861	36.986	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007218.D
Acq On : 27 Sep 2021 22:23
Operator : CG/JU
Sample : M3950-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 28 02:52:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
HD-02-092421MSD

Manual Integrations APPROVED
mohammad
9/28/2021 1:41:41 PM