Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008211.D
Acq On : 03 Dec 2021 18:35
Operator : CG/JU
Sample : M4910-17MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-1-4MS

Manual Integrations APPROVED

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

Quant Time: Dec 05 23:59:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	85124	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	316719	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	204346	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	398324	20.000	ng	0.00
76) Chrysene-d12	21.310	240	297906	20.000	ng	# 0.00
86) Perylene-d12	23.704	264	330663	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	694526	131.367	ng	0.00
7) Phenol-d6	6.987	99	896013	125.546	ng	0.00
23) Nitrobenzene-d5	8.957	82	607242	87.185	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	353762	135.443	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1218161	86.590	ng	0.00
79) Terphenyl-d14	19.775	244	1408930	98.842	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	98817	40.063	ng	100
3) Pyridine	3.693	79	249024	37.827	ng	100
4) n-Nitrosodimethylamine	3.605	42	134968	49.153	ng	99
6) Aniline	7.122	93	358111	42.806	ng	97
8) 2-Chlorophenol	7.363	128	277588	51.291	ng	97
9) Benzaldehyde	6.934	77	169469	43.226	ng	97
10) Phenol	7.011	94	385365	52.545	ng	98
11) bis(2-Chloroethyl)ether	7.222	93	278336	47.481	ng	98
12) 1,3-Dichlorobenzene	7.681	146	304193	48.694	ng	98
13) 1,4-Dichlorobenzene	7.828	146	310208	48.978	ng	97
14) 1,2-Dichlorobenzene	8.146	146	297651	47.254	ng	98
15) Benzyl Alcohol	8.046	79	299236	52.919	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	397550	44.946	ng	97
17) 2-Methylphenol	8.252	107	242917	50.911	ng	96
18) Hexachloroethane	8.869	117	116711	49.558	ng	94
19) n-Nitroso-di-n-propyla...	8.610	70	226533	45.871	ng	98
20) 3+4-Methylphenols	8.581	107	325298	49.399	ng	97
22) Acetophenone	8.622	105	419762	48.454	ng	98
24) Nitrobenzene	8.999	77	336423	49.807	ng	98
25) Isophorone	9.534	82	590457	48.457	ng	99
26) 2-Nitrophenol	9.710	139	150222	51.547	ng	97
27) 2,4-Dimethylphenol	9.781	122	255183	58.550	ng	97
28) bis(2-Chloroethoxy)met...	10.010	93	351569	45.270	ng	99
29) 2,4-Dichlorophenol	10.252	162	275646	52.954	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	304578	50.412	ng	98
31) Naphthalene	10.646	128	794221	48.952	ng	100
32) Benzoic acid	9.981	122	175614	49.258	ng	98
33) 4-Chloroaniline	10.763	127	169215	25.140	ng	99
34) Hexachlorobutadiene	10.928	225	216345	52.325	ng	97
35) Caprolactam	11.581	113	83354	72.088	ng	97
36) 4-Chloro-3-methylphenol	11.904	107	304334	51.144	ng	96
37) 2-Methylnaphthalene	12.257	142	578048	50.374	ng	98
38) 1-Methylnaphthalene	12.481	142	537007	48.077	ng	98
40) 1,2,4,5-Tetrachloroben...	12.634	216	350987	52.876	ng	100
41) Hexachlorocyclopentadiene	12.610	237	266824	104.555	ng	99
43) 2,4,6-Trichlorophenol	12.881	196	231630	51.504	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	248984	51.666	ng	97
46) 1,1'-Biphenyl	13.275	154	721401	48.657	ng	97
47) 2-Chloronaphthalene	13.316	162	584267	49.901	ng	99
48) 2-Nitroaniline	13.528	65	204831	50.767	ng	99
49) Acenaphthylene	14.163	152	900216	49.837	ng	99
50) Dimethylphthalate	13.910	163	730145	47.583	ng	100
51) 2,6-Dinitrotoluene	14.028	165	160676	50.453	ng	98
52) Acenaphthene	14.510	154	528085	49.057	ng	99
53) 3-Nitroaniline	14.357	138	93538	28.982	ng	98
54) 2,4-Dinitrophenol	14.581	184	169802	90.180	ng	92
55) Dibenzofuran	14.845	168	870633	47.329	ng	98
56) 4-Nitrophenol	14.692	139	229140	92.628	ng	89
57) 2,4-Dinitrotoluene	14.822	165	219839	50.301	ng	99
58) Fluorene	15.498	166	679578	45.470	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.081	232	209915m	48.985	ng	
60) Diethylphthalate	15.275	149	726228	47.692	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	372053	45.385	ng	98
62) 4-Nitroaniline	15.528	138	147123	43.931	ng	92
63) Azobenzene	15.787	77	705788	45.313	ng	97
65) 4,6-Dinitro-2-methylph...	15.598	198	116722	44.801	ng	96
66) n-Nitrosodiphenylamine	15.710	169	602327	52.203	ng	100
67) 4-Bromophenyl-phenylether	16.392	248	235360	53.137	ng	99
68) Hexachlorobenzene	16.510	284	262459	55.433	ng	96
69) Atrazine	16.675	200	231838	77.420	ng	97
70) Pentachlorophenol	16.863	266	280014	99.459	ng	100
71) Phenanthrene	17.245	178	1021040	48.550	ng	99
72) Anthracene	17.339	178	1052526	50.430	ng	100
73) Carbazole	17.616	167	889049	43.636	ng	99
74) Di-n-butylphthalate	18.169	149	1115071	43.721	ng	100
75) Fluoranthene	19.222	202	1131160	39.926	ng	99
77) Benzidine	19.410	184	536228	131.221	ng	98
78) Pyrene	19.580	202	1127337	61.001	ng	99
80) Butylbenzylphthalate	20.451	149	431099	50.818	ng	99
81) Benzo(a)anthracene	21.292	228	950784	48.156	ng	100
82) 3,3'-Dichlorobenzidine	21.227	252	312645	33.609	ng	99
83) Chrysene	21.345	228	931264	49.567	ng	99
84) Bis(2-ethylhexyl)phtha...	21.222	149	585048	45.423	ng	98
85) Di-n-octyl phthalate	22.139	149	919857	42.041	ng	99
87) Indeno(1,2,3-cd)pyrene	26.210	276	1334631	55.480	ng	96
88) Benzo(b)fluoranthene	22.974	252	988781	49.603	ng	99
89) Benzo(k)fluoranthene	23.021	252	935716	47.947	ng	98
90) Benzo(a)pyrene	23.598	252	985466	57.842	ng	98
91) Dibenzo(a,h)anthracene	26.221	278	1130055	56.563	ng	97
92) Benzo(g,h,i)perylene	26.974	276	1149354	57.025	ng	97

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

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