Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112521\
Data File : BP008126.D
Acq On : 24 Nov 2021 20:37
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP112521

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 25 01:24:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 01:13:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	120315	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	438952	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	286082	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	614825	20.000	ng	0.00
76) Chrysene-d12	21.316	240	642274	20.000	ng	0.00
86) Perylene-d12	23.704	264	715656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	560196	74.967	ng	0.00
7) Phenol-d6	6.999	99	740957	73.454	ng	0.00
23) Nitrobenzene-d5	8.975	82	729729	75.596	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	274186	74.984	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	1476474	74.966	ng	0.00
79) Terphenyl-d14	19.786	244	2338323	76.088	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	125753	36.071	ng	99
3) Pyridine	3.717	79	346975m	37.290	ng	
4) n-Nitrosodimethylamine	3.623	42	146954	37.865	ng	99
6) Aniline	7.146	93	441153	37.308	ng	97
8) 2-Chlorophenol	7.387	128	283424	37.051	ng	98
9) Benzaldehyde	6.958	77	223227	39.944	ng	97
10) Phenol	7.022	94	381486	36.802	ng	99
11) bis(2-Chloroethyl)ether	7.246	93	306502	36.993	ng	99
12) 1,3-Dichlorobenzene	7.705	146	325994	36.921	ng	99
13) 1,4-Dichlorobenzene	7.852	146	332899	37.187	ng	97
14) 1,2-Dichlorobenzene	8.169	146	318707	35.798	ng	98
15) Benzyl Alcohol	8.063	79	299808	37.512	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.346	45	451671	36.129	ng	99
17) 2-Methylphenol	8.269	107	247602	36.715	ng	98
18) Hexachloroethane	8.893	117	122727	36.870	ng	94
19) n-Nitroso-di-n-propyla...	8.628	70	244213	34.987	ng	97
20) 3+4-Methylphenols	8.599	107	340193	36.551	ng	99
22) Acetophenone	8.640	105	448692	37.371	ng	99
24) Nitrobenzene	9.016	77	352813	37.688	ng	97
25) Isophorone	9.552	82	620966	36.770	ng	98
26) 2-Nitrophenol	9.728	139	156929	38.854	ng	98
27) 2,4-Dimethylphenol	9.799	122	225238	37.288	ng	97
28) bis(2-Chloroethoxy)met...	10.028	93	398907	37.062	ng	99
29) 2,4-Dichlorophenol	10.269	162	273628	37.929	ng	100
30) 1,2,4-Trichlorobenzene	10.481	180	312713	37.346	ng	98
31) Naphthalene	10.663	128	838077	37.271	ng	99
32) Benzoic acid	9.963	122	195359	39.537	ng	97
33) 4-Chloroaniline	10.781	127	348542	37.363	ng	99
34) Hexachlorobutadiene	10.952	225	214919	37.505	ng	98
35) Caprolactam	11.575	113	58607	36.572	ng	98
36) 4-Chloro-3-methylphenol	11.916	107	306407	37.153	ng	98
37) 2-Methylnaphthalene	12.281	142	582219	36.609	ng	99
38) 1-Methylnaphthalene	12.499	142	564573	36.470	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	355163	38.219	ng	100
41) Hexachlorocyclopentadiene	12.628	237	150913	42.240	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	241021	38.281	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	258560	38.324	ng	99
46) 1,1'-Biphenyl	13.293	154	783117	37.729	ng	100
47) 2-Chloronaphthalene	13.334	162	620556	37.858	ng	98
48) 2-Nitroaniline	13.540	65	218826	38.740	ng	97
49) Acenaphthylene	14.181	152	957472	37.863	ng	99
50) Dimethylphthalate	13.922	163	794990	37.006	ng	99
51) 2,6-Dinitrotoluene	14.040	165	169321	37.977	ng	96
52) Acenaphthene	14.522	154	565431	37.519	ng	99
53) 3-Nitroaniline	14.369	138	179331	39.689	ng	99
54) 2,4-Dinitrophenol	14.587	184	108257	41.067	ng	97
55) Dibenzofuran	14.857	168	954802	37.075	ng	100
56) 4-Nitrophenol	14.698	139	140468	40.560	ng	98
57) 2,4-Dinitrotoluene	14.834	165	234501	38.326	ng	98
58) Fluorene	15.510	166	711965	34.027	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.093	232	229541m	38.261	ng	
60) Diethylphthalate	15.287	149	788358	36.980	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	393233	34.263	ng	99
62) 4-Nitroaniline	15.534	138	183325	39.101	ng	96
63) Azobenzene	15.798	77	817486	37.489	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	159750	39.725	ng	98
66) n-Nitrosodiphenylamine	15.722	169	662042	37.173	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	254922	37.287	ng	100
68) Hexachlorobenzene	16.522	284	270989	37.081	ng	98
69) Atrazine	16.681	200	170028	36.785	ng	99
70) Pentachlorophenol	16.875	266	171967	39.572	ng	98
71) Phenanthrene	17.257	178	1197650	36.894	ng	100
72) Anthracene	17.351	178	1200444	37.263	ng	99
73) Carbazole	17.628	167	1160908	36.915	ng	99
74) Di-n-butylphthalate	18.181	149	1407916	35.764	ng	100
75) Fluoranthene	19.233	202	1494149	34.168	ng	99
77) Benzidine	19.410	184	376466	42.731	ng	98
78) Pyrene	19.586	202	1537381	37.577	ng	100
80) Butylbenzylphthalate	20.463	149	690905	37.776	ng	98
81) Benzo(a)anthracene	21.298	228	1572409	36.940	ng	100
82) 3,3'-Dichlorobenzidine	21.233	252	720081	35.904	ng	98
83) Chrysene	21.351	228	1520724	37.543	ng	99
84) Bis(2-ethylhexyl)phtha...	21.227	149	931363	33.540	ng	99
85) Di-n-octyl phthalate	22.151	149	1770023	37.523	ng	100
87) Indeno(1,2,3-cd)pyrene	26.210	276	1944300	37.344	ng	100
88) Benzo(b)fluoranthene	22.980	252	1590870	36.874	ng	99
89) Benzo(k)fluoranthene	23.027	252	1557327	36.870	ng	100
90) Benzo(a)pyrene	23.604	252	1366364	37.055	ng	99
91) Dibenzo(a,h)anthracene	26.221	278	1622366	37.520	ng	99
92) Benzo(g,h,i)perylene	26.974	276	1633255	37.441	ng	99

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

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