Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111722\
Data File : BP012659.D
Acq On : 17 Nov 2022 12:47
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 17 23:32:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 23:28:47 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	341597	20.000	ng	0.00
21) Naphthalene-d8	10.863	136	1445188	20.000	ng	0.00
39) Acenaphthene-d10	14.675	164	954930	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	2116365	20.000	ng	0.00
76) Chrysene-d12	21.521	240	2012196	20.000	ng	0.00
86) Perylene-d12	24.039	264	2153037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1960968	106.894	ng	0.00
7) Phenol-d6	7.187	99	2742778	107.713	ng	0.00
23) Nitrobenzene-d5	9.210	82	2618140	100.506	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	1182437	90.705	ng	0.00
45) 2-Fluorobiphenyl	13.310	172	6542324	104.005	ng	0.00
79) Terphenyl-d14	19.980	244	9607901	96.734	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	387150	49.192	ng	99
3) Pyridine	3.852	79	1259053m	54.881	ng	
4) n-Nitrosodimethylamine	3.764	42	535894	63.104	ng	99
6) Aniline	7.363	93	1755388	54.479	ng	99
8) 2-Chlorophenol	7.599	128	1218601	52.452	ng	100
9) Benzaldehyde	7.175	77	738305	45.967	ng	100
10) Phenol	7.216	94	1552770	53.975	ng	100
11) bis(2-Chloroethyl)ether	7.463	93	1230463	51.724	ng	99
12) 1,3-Dichlorobenzene	7.934	146	1332862	52.064	ng	99
13) 1,4-Dichlorobenzene	8.081	146	1364547	52.080	ng	99
14) 1,2-Dichlorobenzene	8.399	146	1291781	51.811	ng	99
15) Benzyl Alcohol	8.281	79	1067352	56.006	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.581	45	1717585	55.595	ng	100
17) 2-Methylphenol	8.481	107	1080011	54.485	ng	97
18) Hexachloroethane	9.134	117	464695	49.594	ng	98
19) n-Nitroso-di-n-propyla...	8.857	70	951148	51.456	ng	99
20) 3+4-Methylphenols	8.810	107	1530605	54.940	ng	99
22) Acetophenone	8.869	105	1875915	52.120	ng	99
24) Nitrobenzene	9.252	77	1383276	51.007	ng	99
25) Isophorone	9.781	82	2772986	56.664	ng	99
26) 2-Nitrophenol	9.963	139	650734	49.993	ng	99
27) 2,4-Dimethylphenol	10.022	122	1078327	55.452	ng	99
28) bis(2-Chloroethoxy)met...	10.269	93	1571236	51.818	ng	99
29) 2,4-Dichlorophenol	10.499	162	1293153	56.135	ng	99
30) 1,2,4-Trichlorobenzene	10.722	180	1342929	53.792	ng	98
31) Naphthalene	10.916	128	4157676	52.956	ng	99
32) Benzoic acid	10.163	122	919420	50.425	ng	99
33) 4-Chloroaniline	11.016	127	1786812	54.564	ng	99
34) Hexachlorobutadiene	11.204	225	795726	50.379	ng	98
35) Caprolactam	11.798	113	445758m	57.893	ng	
36) 4-Chloro-3-methylphenol	12.128	107	1383406	53.205	ng	99
37) 2-Methylnaphthalene	12.516	142	2997085	53.257	ng	100
38) 1-Methylnaphthalene	12.734	142	2936928	53.338	ng	100
40) 1,2,4,5-Tetrachloroben...	12.875	216	1481084	52.052	ng	99
41) Hexachlorocyclopentadiene	12.857	237	620204	49.015	ng	97
43) 2,4,6-Trichlorophenol	13.110	196	1094727	54.772	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.175	196	1205389	54.029	ng	99
46) 1,1'-Biphenyl	13.516	154	3725975	52.688	ng	99
47) 2-Chloronaphthalene	13.557	162	2979150	53.674	ng	99
48) 2-Nitroaniline	13.751	65	737261	43.919	ng	99
49) Acenaphthylene	14.404	152	4897718	55.567	ng	100
50) Dimethylphthalate	14.139	163	3996879	52.963	ng	99
51) 2,6-Dinitrotoluene	14.251	165	821523	51.048	ng	96
52) Acenaphthene	14.745	154	3146429	58.648	ng	99
53) 3-Nitroaniline	14.575	138	929587	53.671	ng	99
54) 2,4-Dinitrophenol	14.775	184	440328	43.783	ng	99
55) Dibenzofuran	15.075	168	4653405	54.878	ng	99
56) 4-Nitrophenol	14.869	139	809295	56.222	ng	97
57) 2,4-Dinitrotoluene	15.034	165	1118123	53.910	ng	98
58) Fluorene	15.728	166	3564427	53.251	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.292	232	1082424	52.679	ng	99
60) Diethylphthalate	15.504	149	3990419	52.821	ng	100
61) 4-Chlorophenyl-phenyle...	15.722	204	1738165	52.388	ng	99
62) 4-Nitroaniline	15.745	138	904904	54.409	ng	98
63) Azobenzene	16.016	77	3533059	52.172	ng	99
65) 4,6-Dinitro-2-methylph...	15.798	198	616150	42.851	ng	98
66) n-Nitrosodiphenylamine	15.934	169	3295458	52.789	ng	99
67) 4-Bromophenyl-phenylether	16.622	248	1163779	48.918	ng	97
68) Hexachlorobenzene	16.733	284	1348141	47.474	ng	100
69) Atrazine	16.886	200	954326	43.841	ng	99
70) Pentachlorophenol	17.075	266	925898	52.857	ng	99
71) Phenanthrene	17.475	178	6209807	53.229	ng	99
72) Anthracene	17.569	178	6039461	53.957	ng	100
73) Carbazole	17.828	167	5718214	54.555	ng	100
74) Di-n-butylphthalate	18.386	149	6691659	51.122	ng	100
75) Fluoranthene	19.433	202	7457532	54.544	ng	99
77) Benzidine	19.604	184	1703528	38.373	ng	99
78) Pyrene	19.786	202	7639663	55.035	ng	100
80) Butylbenzylphthalate	20.657	149	1793371	30.503	ng	98
81) Benzo(a)anthracene	21.504	228	7529572	55.961	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	2111466	45.955	ng	99
83) Chrysene	21.557	228	7116974	55.495	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	3095002	38.490	ng	99
85) Di-n-octyl phthalate	22.410	149	6159449	45.409	ng	99
87) Indeno(1,2,3-cd)pyrene	26.715	276	8569333	56.165	ng	99
88) Benzo(b)fluoranthene	23.274	252	7584797	54.759	ng	100
89) Benzo(k)fluoranthene	23.327	252	7451905	55.137	ng	99
90) Benzo(a)pyrene	23.933	252	6422549	56.781	ng	100
91) Dibenzo(a,h)anthracene	26.739	278	7053884	55.312	ng	100
92) Benzo(g,h,i)perylene	27.533	276	6869973	55.169	ng	99

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

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