Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092122\
Data File : BP011776.D
Acq On : 21 Sep 2022 20:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP092122

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/22/2022
Supervised By :Jagrut Upadhyay 09/22/2022

Quant Time: Sep 22 03:44:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 02:45:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	439721	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	1971570	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	1217184	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	2458097	20.000	ng		0.00
76) Chrysene-d12	21.404	240	2258769	20.000	ng		0.00
86) Perylene-d12	23.845	264	2129619	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	2049374	81.775	ng		0.00
7) Phenol-d6	7.081	99	2960413	79.892	ng		0.00
23) Nitrobenzene-d5	9.093	82	3027242	80.366	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	726205	88.606	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	6252575	81.235	ng		0.00
79) Terphenyl-d14	19.875	244	8356751	85.068	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	421641	40.016	ng		98
3) Pyridine	3.770	79	1319546m	40.578	ng		
4) n-Nitrosodimethylamine	3.675	42	534728	37.184	ng	#	94
6) Aniline	7.246	93	1821496	39.515	ng		99
8) 2-Chlorophenol	7.481	128	1233848	40.467	ng		98
9) Benzaldehyde	7.058	77	907272	39.135	ng		98
10) Phenol	7.111	94	1655704	39.667	ng		100
11) bis(2-Chloroethyl)ether	7.346	93	1288170	38.988	ng		98
12) 1,3-Dichlorobenzene	7.811	146	1287848	40.196	ng		99
13) 1,4-Dichlorobenzene	7.958	146	1320690	40.227	ng		99
14) 1,2-Dichlorobenzene	8.275	146	1266905	39.444	ng		99
15) Benzyl Alcohol	8.163	79	1120267	40.918	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.452	45	2063375	37.808	ng		99
17) 2-Methylphenol	8.363	107	1106700	40.452	ng		99
18) Hexachloroethane	9.005	117	499533	39.741	ng		98
19) n-Nitroso-di-n-propyla...	8.740	70	1090925	40.046	ng		98
20) 3+4-Methylphenols	8.699	107	1565134	40.745	ng		98
22) Acetophenone	8.752	105	1992429	40.231	ng	#	98
24) Nitrobenzene	9.134	77	1550450	39.837	ng		97
25) Isophorone	9.663	82	2908946	41.164	ng		100
26) 2-Nitrophenol	9.846	139	647254m	41.653	ng		
27) 2,4-Dimethylphenol	9.905	122	1068765	42.823	ng		99
28) bis(2-Chloroethoxy)met...	10.146	93	1678507	40.758	ng		100
29) 2,4-Dichlorophenol	10.375	162	1160306	43.451	ng		99
30) 1,2,4-Trichlorobenzene	10.593	180	1165782	41.925	ng		99
31) Naphthalene	10.787	128	4235222	40.519	ng		100
32) Benzoic acid	10.052	122	883625	42.285	ng		98
33) 4-Chloroaniline	10.893	127	1802518	41.362	ng		99
34) Hexachlorobutadiene	11.069	225	599949	42.779	ng		97
35) Caprolactam	11.704	113	459853	42.371	ng		93
36) 4-Chloro-3-methylphenol	12.016	107	1372765	42.356	ng		97
37) 2-Methylnaphthalene	12.393	142	2973632	41.196	ng		100
38) 1-Methylnaphthalene	12.610	142	2897240	40.759	ng		99
40) 1,2,4,5-Tetrachloroben...	12.757	216	1179515	42.999	ng		99
41) Hexachlorocyclopentadiene	12.740	237	612362	45.518	ng		96
43) 2,4,6-Trichlorophenol	12.998	196	895740	45.111	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	993744	43.541	ng	99
46) 1,1'-Biphenyl	13.398	154	3611670	40.840	ng	98
47) 2-Chloronaphthalene	13.440	162	2805628	40.901	ng	99
48) 2-Nitroaniline	13.646	65	1047921	42.848	ng	99
49) Acenaphthylene	14.287	152	4664623	40.968	ng	99
50) Dimethylphthalate	14.028	163	3650105	40.900	ng	100
51) 2,6-Dinitrotoluene	14.140	165	787245	42.725	ng	97
52) Acenaphthene	14.628	154	2816742	40.337	ng	100
53) 3-Nitroaniline	14.475	138	963263	42.683	ng	98
54) 2,4-Dinitrophenol	14.675	184	368775	41.434	ng	97
55) Dibenzofuran	14.963	168	4278455	39.974	ng	100
56) 4-Nitrophenol	14.775	139	789869	42.146	ng	99
57) 2,4-Dinitrotoluene	14.928	165	1085006	40.085	ng	96
58) Fluorene	15.616	166	3619997	39.867	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	807529m	43.335	ng	
60) Diethylphthalate	15.392	149	3813243	40.921	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	1567696	41.294	ng	100
62) 4-Nitroaniline	15.640	138	1032236	39.562	ng	99
63) Azobenzene	15.904	77	3994427	39.147	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	521484	42.579	ng	98
66) n-Nitrosodiphenylamine	15.828	169	3066367	41.866	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	874940	43.403	ng	99
68) Hexachlorobenzene	16.622	284	910777	42.523	ng	99
69) Atrazine	16.781	200	958518	45.193	ng	100
70) Pentachlorophenol	16.963	266	617482	42.260	ng	100
71) Phenanthrene	17.363	178	5588185	40.307	ng	100
72) Anthracene	17.451	178	5484530	41.361	ng	100
73) Carbazole	17.722	167	5306681	40.862	ng	99
74) Di-n-butylphthalate	18.275	149	6730696	43.027	ng	100
75) Fluoranthene	19.322	202	6317156	41.913	ng	99
77) Benzidine	19.504	184	1830093	41.746	ng	99
78) Pyrene	19.675	202	6532122	43.279	ng	98
80) Butylbenzylphthalate	20.545	149	3170666	43.457	ng	97
81) Benzo(a)anthracene	21.386	228	6288765	42.197	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	1880028	43.255	ng	100
83) Chrysene	21.439	228	5894386	41.741	ng	99
84) Bis(2-ethylhexyl)phtha...	21.304	149	4648746	43.265	ng	99
85) Di-n-octyl phthalate	22.245	149	7676969	44.578	ng	98
87) Indeno(1,2,3-cd)pyrene	26.410	276	6179923	37.086	ng	99
88) Benzo(b)fluoranthene	23.098	252	5701004	43.117	ng	99
89) Benzo(k)fluoranthene	23.151	252	5888204	43.461	ng	99
90) Benzo(a)pyrene	23.739	252	4780800	42.736	ng	99
91) Dibenzo(a,h)anthracene	26.427	278	5163530	37.322	ng	98
92) Benzo(g,h,i)perylene	27.198	276	4760372	35.544	ng	99

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

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