Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007150.D
Acq On : 24 Sep 2021 09:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 24 11:06:12 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 :
SSTDCCC040

Manual Integrations APPROVED
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9/27/2021 3:04:06 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.892	152	369074	20.000	ng		0.00
21) Naphthalene-d8	10.692	136	1392303	20.000	ng	#	0.00
39) Acenaphthene-d10	14.522	164	872307	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	1744346	20.000	ng	#	0.00
76) Chrysene-d12	21.362	240	1455751	20.000	ng		0.00
86) Perylene-d12	23.774	264	1373248	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1631674	74.005	ng		0.00
7) Phenol-d6	7.063	99	2194182	72.813	ng		0.00
23) Nitrobenzene-d5	9.057	82	1847815	77.289	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	962449	85.105	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	4656018	76.468	ng		0.00
79) Terphenyl-d14	19.833	244	6419346	84.500	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	323308	36.261	ng		88
3) Pyridine	3.763	79	901610	36.953	ng	#	88
4) n-Nitrosodimethylamine	3.669	42	310570	37.130	ng	#	81
6) Aniline	7.222	93	1226977	36.939	ng		99
8) 2-Chlorophenol	7.457	128	904005	37.726	ng		99
9) Benzaldehyde	7.034	77	632972m	37.289	ng		
10) Phenol	7.093	94	1050976	36.174	ng		92
11) bis(2-Chloroethyl)ether	7.322	93	832052	36.281	ng		97
12) 1,3-Dichlorobenzene	7.781	146	1031253m	38.153	ng		
13) 1,4-Dichlorobenzene	7.928	146	1047954	38.031	ng		97
14) 1,2-Dichlorobenzene	8.245	146	1002562	37.546	ng		97
15) Benzyl Alcohol	8.134	79	745744	38.639	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.422	45	935294	35.618	ng		90
17) 2-Methylphenol	8.339	107	737060	37.633	ng		94
18) Hexachloroethane	8.969	117	356795	38.566	ng		95
19) n-Nitroso-di-n-propyla...	8.704	70	584732	35.677	ng		96
20) 3+4-Methylphenols	8.669	107	1015678	37.504	ng		94
22) Acetophenone	8.716	105	1274817	38.000	ng	#	98
24) Nitrobenzene	9.098	77	880122	38.612	ng		94
25) Isophorone	9.628	82	1617858	38.808	ng		98
26) 2-Nitrophenol	9.804	139	511825	43.062	ng		89
27) 2,4-Dimethylphenol	9.869	122	730091	39.012	ng		96
28) bis(2-Chloroethoxy)met...	10.104	93	1099503	37.383	ng		99
29) 2,4-Dichlorophenol	10.345	162	882730	40.435	ng		98
30) 1,2,4-Trichlorobenzene	10.557	180	991757	39.877	ng		98
31) Naphthalene	10.745	128	2717910	38.249	ng		99
32) Benzoic acid	10.039	122	611236	42.495	ng		93
33) 4-Chloroaniline	10.851	127	1139768	38.825	ng		99
34) Hexachlorobutadiene	11.028	225	626096	42.045	ng		98
35) Caprolactam	11.663	113	271805	40.471	ng	#	78
36) 4-Chloro-3-methylphenol	11.980	107	867196	39.080	ng		98
37) 2-Methylnaphthalene	12.351	142	1893268	38.051	ng		95
38) 1-Methylnaphthalene	12.569	142	1838275	37.812	ng		100
40) 1,2,4,5-Tetrachloroben...	12.722	216	1084719	40.606	ng		98
41) Hexachlorocyclopentadiene	12.698	237	595239	40.205	ng		98
43) 2,4,6-Trichlorophenol	12.963	196	753893	41.360	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	803308	40.926	ng		95
46) 1,1'-Biphenyl	13.363	154	2489703	38.372	ng		99
47) 2-Chloronaphthalene	13.404	162	1951683	38.831	ng		97
48) 2-Nitroaniline	13.604	65	500874	40.874	ng		93
49) Acenaphthylene	14.245	152	3014007	38.935	ng		100
50) Dimethylphthalate	13.986	163	2421188	38.592	ng		100
51) 2,6-Dinitrotoluene	14.104	165	520190	40.590	ng		88
52) Acenaphthene	14.586	154	1779614	37.943	ng		99
53) 3-Nitroaniline	14.433	138	561206	40.500	ng		96
54) 2,4-Dinitrophenol	14.639	184	314619	42.617	ng		91
55) Dibenzofuran	14.921	168	2960071	37.827	ng		96
56) 4-Nitrophenol	14.739	139	456551	40.584	ng	#	83
57) 2,4-Dinitrotoluene	14.892	165	701521	41.481	ng		88
58) Fluorene	15.574	166	2251805	37.249	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	699984	40.612	ng		95
60) Diethylphthalate	15.345	149	2361181	38.840	ng		98
61) 4-Chlorophenyl-phenyle...	15.569	204	1224485	38.330	ng		90
62) 4-Nitroaniline	15.598	138	569956	40.899	ng	#	79
63) Azobenzene	15.857	77	1978092	37.549	ng		93
65) 4,6-Dinitro-2-methylph...	15.657	198	455346	43.499	ng		99
66) n-Nitrosodiphenylamine	15.780	169	2019846	38.917	ng		99
67) 4-Bromophenyl-phenylether	16.463	248	791405	41.396	ng		92
68) Hexachlorobenzene	16.580	284	870489	41.199	ng		95
69) Atrazine	16.739	200	744897	40.716	ng		98
70) Pentachlorophenol	16.927	266	543804	41.444	ng		99
71) Phenanthrene	17.315	178	3556323	38.023	ng		99
72) Anthracene	17.410	178	3543399	38.728	ng		99
73) Carbazole	17.680	167	3381922	37.720	ng		98
74) Di-n-butylphthalate	18.227	149	3946847	39.722	ng		98
75) Fluoranthene	19.280	202	4032807	37.424	ng		97
77) Benzidine	19.457	184	1776331	39.706	ng		100
78) Pyrene	19.633	202	4069311	42.606	ng		99
80) Butylbenzylphthalate	20.504	149	1700992	44.471	ng		94
81) Benzo(a)anthracene	21.345	228	3660189	38.735	ng		99
82) 3,3'-Dichlorobenzidine	21.274	252	1228238	37.849	ng		98
83) Chrysene	21.398	228	3460897	38.323	ng		98
84) Bis(2-ethylhexyl)phtha...	21.268	149	2317073	42.136	ng		98
85) Di-n-octyl phthalate	22.192	149	3876364	41.404	ng		99
87) Indeno(1,2,3-cd)pyrene	26.303	276	3645519	36.940	ng	#	96
88) Benzo(b)fluoranthene	23.039	252	3184054	38.798	ng		98
89) Benzo(k)fluoranthene	23.086	252	3293914	39.642	ng		99
90) Benzo(a)pyrene	23.668	252	2703063	38.768	ng	#	98
91) Dibenzo(a,h)anthracene	26.315	278	3058816	36.985	ng	#	97
92) Benzo(g,h,i)perylene	27.080	276	2986907	37.008	ng	#	95

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

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