Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
Data File : BP011717.D
Acq On : 15 Sep 2022 21:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

Quant Time: Sep 16 03:00:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 19:12:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	419493	20.000	ng		0.00
21) Naphthalene-d8	10.752	136	1747437	20.000	ng	#	0.00
39) Acenaphthene-d10	14.581	164	989448	20.000	ng		0.00
64) Phenanthrene-d10	17.334	188	1897934	20.000	ng	#	0.00
76) Chrysene-d12	21.410	240	1692319	20.000	ng	#	0.00
86) Perylene-d12	23.863	264	1583594	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1879781	81.565	ng		0.00
7) Phenol-d6	7.099	99	2588259	84.250	ng		0.00
23) Nitrobenzene-d5	9.105	82	2430827	82.501	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	594578	76.909	ng		0.00
45) 2-Fluorobiphenyl	13.204	172	5158586	81.042	ng		0.00
79) Terphenyl-d14	19.880	244	6357227	81.689	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	402982	39.705	ng	#	83
3) Pyridine	3.781	79	1191529	40.722	ng	#	79
4) n-Nitrosodimethylamine	3.693	42	479020	42.704	ng	#	46
6) Aniline	7.263	93	1589674	42.006	ng		90
8) 2-Chlorophenol	7.499	128	1126044	41.206	ng		94
9) Benzaldehyde	7.075	77	815603	41.476	ng		91
10) Phenol	7.122	94	1440983	41.703	ng		83
11) bis(2-Chloroethyl)ether	7.358	93	1130223	41.060	ng		94
12) 1,3-Dichlorobenzene	7.828	146	1210639	39.948	ng	#	92
13) 1,4-Dichlorobenzene	7.975	146	1233228	40.014	ng		98
14) 1,2-Dichlorobenzene	8.293	146	1177859	40.090	ng		96
15) Benzyl Alcohol	8.181	79	930091	42.409	ng	#	91
16) 2,2'-oxybis(1-Chloropr...	8.475	45	1580698	42.993	ng		94
17) 2-Methylphenol	8.381	107	943472	42.054	ng	#	92
18) Hexachloroethane	9.022	117	435386	40.843	ng		93
19) n-Nitroso-di-n-propyla...	8.752	70	847910	42.628	ng	#	84
20) 3+4-Methylphenols	8.710	107	1295058	42.032	ng		93
22) Acetophenone	8.769	105	1653133	40.356	ng	#	87
24) Nitrobenzene	9.146	77	1254814	40.932	ng		91
25) Isophorone	9.675	82	2141565	41.088	ng		96
26) 2-Nitrophenol	9.857	139	482705	35.293	ng	#	86
27) 2,4-Dimethylphenol	9.916	122	884325	40.582	ng		89
28) bis(2-Chloroethoxy)met...	10.157	93	1342106	40.268	ng		99
29) 2,4-Dichlorophenol	10.393	162	964122	39.940	ng		97
30) 1,2,4-Trichlorobenzene	10.610	180	1042157	38.996	ng		98
31) Naphthalene	10.799	128	3589675	39.586	ng		99
32) Benzoic acid	10.046	122	590996	34.455	ng		87
33) 4-Chloroaniline	10.910	127	1443053	40.560	ng	#	92
34) Hexachlorobutadiene	11.087	225	552928	37.558	ng		98
35) Caprolactam	11.704	113	305163	39.015	ng	#	77
36) 4-Chloro-3-methylphenol	12.028	107	1057205	40.723	ng		93
37) 2-Methylnaphthalene	12.404	142	2412440	39.752	ng		97
38) 1-Methylnaphthalene	12.628	142	2330903	39.285	ng		98
40) 1,2,4,5-Tetrachloroben...	12.769	216	1014865	38.863	ng		97
41) Hexachlorocyclopentadiene	12.751	237	505824	38.806	ng		99
43) 2,4,6-Trichlorophenol	13.010	196	713096	40.144	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	795594	40.058	ng		99
46) 1,1'-Biphenyl	13.416	154	2895114	40.221	ng		99
47) 2-Chloronaphthalene	13.457	162	2260635	39.917	ng		99
48) 2-Nitroaniline	13.657	65	688887	43.375	ng		87
49) Acenaphthylene	14.298	152	3597553	41.054	ng		99
50) Dimethylphthalate	14.040	163	2764339	40.047	ng		100
51) 2,6-Dinitrotoluene	14.151	165	573767	40.991	ng		93
52) Acenaphthene	14.645	154	2339983m	40.144	ng		
53) 3-Nitroaniline	14.481	138	683701	39.013	ng		92
54) 2,4-Dinitrophenol	14.687	184	238778	33.681	ng		89
55) Dibenzofuran	14.975	168	3368968	40.135	ng		99
56) 4-Nitrophenol	14.781	139	538402	39.586	ng	#	75
57) 2,4-Dinitrotoluene	14.940	165	752340	37.687	ng	#	87
58) Fluorene	15.628	166	2799825	41.123	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.198	232	640286	39.242	ng		91
60) Diethylphthalate	15.404	149	2791657	40.623	ng		99
61) 4-Chlorophenyl-phenyle...	15.622	204	1259139	40.008	ng		97
62) 4-Nitroaniline	15.645	138	705340	39.389	ng	#	80
63) Azobenzene	15.916	77	2829619	42.847	ng		91
65) 4,6-Dinitro-2-methylph...	15.698	198	337177	34.787	ng		91
66) n-Nitrosodiphenylamine	15.834	169	2311776	40.938	ng		98
67) 4-Bromophenyl-phenylether	16.522	248	692609	38.983	ng		99
68) Hexachlorobenzene	16.634	284	734345	38.378	ng		94
69) Atrazine	16.792	200	687017	39.856	ng		96
70) Pentachlorophenol	16.975	266	462360	38.089	ng		100
71) Phenanthrene	17.375	178	4188194	40.555	ng		98
72) Anthracene	17.463	178	4026057	41.220	ng		98
73) Carbazole	17.733	167	3808424	41.331	ng		99
74) Di-n-butylphthalate	18.286	149	4623551	41.630	ng		99
75) Fluoranthene	19.333	202	4495682	40.364	ng		95
77) Benzidine	19.516	184	1622227	40.308	ng		98
78) Pyrene	19.686	202	4667073	40.888	ng		98
80) Butylbenzylphthalate	20.557	149	2010103	42.025	ng		95
81) Benzo(a)anthracene	21.398	228	4410191	40.432	ng		96
82) 3,3'-Dichlorobenzidine	21.327	252	1358518	41.006	ng	#	98
83) Chrysene	21.451	228	4158968	39.906	ng		98
84) Bis(2-ethylhexyl)phtha...	21.316	149	2958298	42.993	ng	#	98
85) Di-n-octyl phthalate	22.263	149	4749501	40.224	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.433	276	4641507	40.683	ng	#	89
88) Benzo(b)fluoranthene	23.116	252	4031038	41.157	ng	#	97
89) Benzo(k)fluoranthene	23.163	252	4022419	40.755	ng	#	96
90) Benzo(a)pyrene	23.751	252	3337372	41.248	ng	#	95
91) Dibenzo(a,h)anthracene	26.451	278	3867177	40.821	ng	#	94
92) Benzo(g,h,i)perylene	27.215	276	3712198	40.193	ng	#	91

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

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