Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122821\
Data File : BP008585.D
Acq On : 28 Dec 2021 19:27
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 28 23:19:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 28 23:15:40 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	624122	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	2576090	20.000	ng	0.00
39) Acenaphthene-d10	14.527	164	1842453	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	4039558	20.000	ng	0.00
76) Chrysene-d12	21.362	240	3895140	20.000	ng	0.00
86) Perylene-d12	23.786	264	3486954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3211099	81.252	ng	0.00
7) Phenol-d6	7.063	99	4523920	85.231	ng	0.00
23) Nitrobenzene-d5	9.057	82	4181207	68.762	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	2522093	93.148	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	11746583	81.045	ng	0.00
79) Terphenyl-d14	19.827	244	14724323	65.790	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	624428	36.966	ng	99
3) Pyridine	3.769	79	1799557m	37.774	ng	
4) n-Nitrosodimethylamine	3.681	42	586499	31.195	ng	99
6) Aniline	7.222	93	2635259	42.895	ng	100
8) 2-Chlorophenol	7.463	128	1903186	47.249	ng	100
9) Benzaldehyde	7.034	77	1245125	34.642	ng	99
10) Phenol	7.087	94	2273637	42.182	ng	99
11) bis(2-Chloroethyl)ether	7.322	93	1828114	40.654	ng	99
12) 1,3-Dichlorobenzene	7.787	146	2175385	46.701	ng	100
13) 1,4-Dichlorobenzene	7.934	146	2217828	46.784	ng	100
14) 1,2-Dichlorobenzene	8.251	146	2155899	46.909	ng	100
15) Benzyl Alcohol	8.134	79	1638703	38.381	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	2035517	31.995	ng	100
17) 2-Methylphenol	8.339	107	1599532	44.859	ng	99
18) Hexachloroethane	8.987	117	736780	41.895	ng	96
19) n-Nitroso-di-n-propyla...	8.710	70	1424789	36.190	ng	99
20) 3+4-Methylphenols	8.669	107	2252861	45.873	ng	99
22) Acetophenone	8.716	105	2898706	38.262	ng	99
24) Nitrobenzene	9.098	77	1971649	34.546	ng	100
25) Isophorone	9.628	82	3923354	38.558	ng	100
26) 2-Nitrophenol	9.810	139	1030760	40.868	ng	100
27) 2,4-Dimethylphenol	9.875	122	1708752	47.244	ng	99
28) bis(2-Chloroethoxy)met...	10.110	93	2666703	42.397	ng	100
29) 2,4-Dichlorophenol	10.345	162	2123101	47.767	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	2389034	45.341	ng	99
31) Naphthalene	10.751	128	6298964	46.628	ng	100
32) Benzoic acid	10.028	122	1192504	44.975	ng	98
33) 4-Chloroaniline	10.857	127	2752975	50.871	ng	99
34) Hexachlorobutadiene	11.045	225	1467293	38.095	ng	99
35) Caprolactam	11.645	113	711645	84.552	ng	97
36) 4-Chloro-3-methylphenol	11.980	107	2108089	42.447	ng	100
37) 2-Methylnaphthalene	12.357	142	4770996	51.242	ng	100
38) 1-Methylnaphthalene	12.575	142	4646344	51.258	ng	100
40) 1,2,4,5-Tetrachloroben...	12.727	216	2795310	39.711	ng	100
41) Hexachlorocyclopentadiene	12.716	237	1560095	104.458	ng	99
43) 2,4,6-Trichlorophenol	12.963	196	1905154	43.080	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.033	196	2089942	45.311	ng	99
46)	1,1'-Biphenyl	13.369	154	6334312	44.498	ng	99
47)	2-Chloronaphthalene	13.410	162	5020787	44.221	ng	99
48)	2-Nitroaniline	13.604	65	1197021	31.346	ng	95
49)	Acenaphthylene	14.251	152	7778688	46.605	ng	99
50)	Dimethylphthalate	13.992	163	6657394	47.724	ng	99
51)	2,6-Dinitrotoluene	14.104	165	1439666	49.437	ng	97
52)	Acenaphthene	14.592	154	5084904	51.220	ng	100
53)	3-Nitroaniline	14.427	138	1507439	54.946	ng	98
54)	2,4-Dinitrophenol	14.633	184	699608	46.022	ng	97
55)	Dibenzofuran	14.927	168	7986304	47.286	ng	99
56)	4-Nitrophenol	14.733	139	1221437	76.695	ng	98
57)	2,4-Dinitrotoluene	14.886	165	1989918	51.146	ng	98
58)	Fluorene	15.574	166	6231279	47.592	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.151	232	1867158m	47.393	ng	
60)	Diethylphthalate	15.357	149	6591088	49.786	ng	100
61)	4-Chlorophenyl-phenyle...	15.574	204	3522558	47.086	ng	99
62)	4-Nitroaniline	15.592	138	1524666	61.719	ng	99
63)	Azobenzene	15.868	77	5270352	39.268	ng	99
65)	4,6-Dinitro-2-methylph...	15.651	198	1082285	41.007	ng	97
66)	n-Nitrosodiphenylamine	15.786	169	5725078	45.014	ng	99
67)	4-Bromophenyl-phenylether	16.468	248	2074611	39.430	ng	100
68)	Hexachlorobenzene	16.586	284	2572203	44.391	ng	99
69)	Atrazine	16.745	200	2210113	78.880	ng	98
70)	Pentachlorophenol	16.927	266	1543007	59.585	ng	99
71)	Phenanthrene	17.321	178	10125720	46.274	ng	100
72)	Anthracene	17.415	178	10010241	46.367	ng	99
73)	Carbazole	17.680	167	9800802	49.609	ng	99
74)	Di-n-butylphthalate	18.239	149	11050306	48.752	ng	98
75)	Fluoranthene	19.286	202	11811422	47.810	ng	99
77)	Benzidine	19.457	184	5779467	146.278	ng	100
78)	Pyrene	19.633	202	12066247	43.297	ng	98
80)	Butylbenzylphthalate	20.515	149	5217399	51.421	ng	96
81)	Benzo(a)anthracene	21.345	228	11812958	45.253	ng	98
82)	3,3'-Dichlorobenzidine	21.274	252	4621414	38.477	ng	99
83)	Chrysene	21.398	228	11034033	44.251	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.280	149	7524565	52.671	ng	99
85)	Di-n-octyl phthalate	22.215	149	12246409	49.703	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.321	276	10702706	38.993	ng	100
88)	Benzo(b)fluoranthene	23.050	252	11060012	52.728	ng	99
89)	Benzo(k)fluoranthene	23.098	252	10876829	51.420	ng	100
90)	Benzo(a)pyrene	23.680	252	8879915	48.775	ng	100
91)	Dibenzo(a,h)anthracene	26.339	278	9047447	39.376	ng	99
92)	Benzo(g,h,i)perylene	27.091	276	8329941	36.610	ng	99

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

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