Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111521\
Data File : BP007978.D
Acq On : 15 Nov 2021 10:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 11:44:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 05:36:49 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	130730	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	493610	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	343977	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	777769	20.000	ng	#	0.00
76) Chrysene-d12	21.339	240	948961	20.000	ng	#	0.00
86) Perylene-d12	23.745	264	1130344	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	622209	77.210	ng		0.00
7) Phenol-d6	7.016	99	846448	78.954	ng		0.00
23) Nitrobenzene-d5	8.999	82	774573	83.974	ng		0.00
42) 2,4,6-Tribromophenol	15.981	330	465751	86.058	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	1932295	78.798	ng		0.00
79) Terphenyl-d14	19.810	244	3695201	78.958	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	125922	37.128	ng		96
3) Pyridine	3.734	79	377974	38.852	ng		97
4) n-Nitrosodimethylamine	3.640	42	150093	41.770	ng	#	91
6) Aniline	7.169	93	493019	40.724	ng		96
8) 2-Chlorophenol	7.410	128	342129	40.156	ng		96
9) Benzaldehyde	6.981	77	248814	42.098	ng		97
10) Phenol	7.046	94	423469	40.713	ng		94
11) bis(2-Chloroethyl)ether	7.269	93	325598	38.091	ng		98
12) 1,3-Dichlorobenzene	7.728	146	384206	40.101	ng		99
13) 1,4-Dichlorobenzene	7.875	146	390879	40.129	ng		97
14) 1,2-Dichlorobenzene	8.193	146	379286	38.562	ng		99
15) Benzyl Alcohol	8.087	79	342657	42.256	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.381	45	382906	42.540	ng		96
17) 2-Methylphenol	8.293	107	293982	41.040	ng		98
18) Hexachloroethane	8.922	117	127423	38.578	ng		90
19) n-Nitroso-di-n-propyla...	8.657	70	255492	38.282	ng		95
20) 3+4-Methylphenols	8.622	107	400085	40.304	ng		98
22) Acetophenone	8.663	105	525165	41.827	ng		98
24) Nitrobenzene	9.046	77	365822	41.498	ng		99
25) Isophorone	9.575	82	660662	41.178	ng		98
26) 2-Nitrophenol	9.757	139	185447	41.206	ng	#	93
27) 2,4-Dimethylphenol	9.822	122	270755	40.728	ng		93
28) bis(2-Chloroethoxy)met...	10.057	93	427669	40.172	ng		99
29) 2,4-Dichlorophenol	10.293	162	342104	41.804	ng		97
30) 1,2,4-Trichlorobenzene	10.504	180	380147	40.598	ng		98
31) Naphthalene	10.693	128	1010298	40.081	ng		99
32) Benzoic acid	9.987	122	242219	42.163	ng		98
33) 4-Chloroaniline	10.798	127	441057	40.739	ng		99
34) Hexachlorobutadiene	10.981	225	265952	41.567	ng		99
35) Caprolactam	11.604	113	73394	40.837	ng		90
36) 4-Chloro-3-methylphenol	11.934	107	385666	41.707	ng		98
37) 2-Methylnaphthalene	12.304	142	738932	40.116	ng		97
38) 1-Methylnaphthalene	12.522	142	724726	40.338	ng		100
40) 1,2,4,5-Tetrachloroben...	12.675	216	460142	40.149	ng		98
41) Hexachlorocyclopentadiene	12.657	237	219539	39.577	ng		98
43) 2,4,6-Trichlorophenol	12.916	196	318235	40.634	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.987	196	343386	40.354	ng		98
46)	1,1'-Biphenyl	13.316	154	1007178	39.203	ng		98
47)	2-Chloronaphthalene	13.357	162	796004	39.606	ng		98
48)	2-Nitroaniline	13.563	65	242466	42.507	ng		100
49)	Acenaphthylene	14.204	152	1243925	40.688	ng		99
50)	Dimethylphthalate	13.945	163	1078598	39.634	ng		100
51)	2,6-Dinitrotoluene	14.057	165	225923	39.961	ng		97
52)	Acenaphthene	14.545	154	742545	40.576	ng		99
53)	3-Nitroaniline	14.386	138	238913	41.446	ng	#	99
54)	2,4-Dinitrophenol	14.598	184	147972	43.369	ng		88
55)	Dibenzofuran	14.881	168	1271847	40.869	ng		97
56)	4-Nitrophenol	14.704	139	200133	42.601	ng	#	86
57)	2,4-Dinitrotoluene	14.851	165	324288	43.091	ng		90
58)	Fluorene	15.533	166	975110	39.382	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.110	232	329935m	42.570	ng		
60)	Diethylphthalate	15.310	149	1080061	41.175	ng		100
61)	4-Chlorophenyl-phenyle...	15.528	204	546963	40.845	ng		98
62)	4-Nitroaniline	15.557	138	256073	43.225	ng		88
63)	Azobenzene	15.822	77	932294	42.216	ng		97
65)	4,6-Dinitro-2-methylph...	15.622	198	220396	43.237	ng		91
66)	n-Nitrosodiphenylamine	15.745	169	900501	40.448	ng		99
67)	4-Bromophenyl-phenylether	16.428	248	370715	40.753	ng		99
68)	Hexachlorobenzene	16.545	284	426049	41.585	ng		94
69)	Atrazine	16.704	200	236684	40.778	ng		98
70)	Pentachlorophenol	16.892	266	271924	43.526	ng		95
71)	Phenanthrene	17.280	178	1656603	39.980	ng		100
72)	Anthracene	17.375	178	1649646	40.611	ng		99
73)	Carbazole	17.645	167	1627769	40.693	ng		99
74)	Di-n-butylphthalate	18.204	149	1895777	41.877	ng		99
75)	Fluoranthene	19.257	202	2136090	40.715	ng		97
77)	Benzidine	19.433	184	702220	48.229	ng		99
78)	Pyrene	19.610	202	2232354	39.337	ng		99
80)	Butylbenzylphthalate	20.486	149	954523	40.737	ng		95
81)	Benzo(a)anthracene	21.321	228	2491424	39.880	ng		100
82)	3,3'-Dichlorobenzidine	21.257	252	1225889	42.513	ng	#	98
83)	Chrysene	21.374	228	2390755	39.926	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.251	149	1367107	40.864	ng	#	97
85)	Di-n-octyl phthalate	22.180	149	2568356	41.657	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.262	276	3411123	41.798	ng	#	93
88)	Benzo(b)fluoranthene	23.010	252	2654747	39.456	ng	#	98
89)	Benzo(k)fluoranthene	23.063	252	2732960	40.660	ng	#	97
90)	Benzo(a)pyrene	23.639	252	2323257	40.371	ng	#	98
91)	Dibenzo(a,h)anthracene	26.280	278	2831959	41.832	ng	#	96
92)	Benzo(g,h,i)perylene	27.033	276	2818269	42.232	ng	#	95

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

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