Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092022\
Data File : BP011761.D
Acq On : 20 Sep 2022 14:54
Operator : CG/JU
Sample : N4653-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CAR-1948MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

Quant Time: Sep 21 06:45:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 04:42:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	603090	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	2411949	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	1192047	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	1943779	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	1173022	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	248422	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	5348188	161.415	ng	0.00
7) Phenol-d6	7.105	99	6320613	143.108	ng	0.01
23) Nitrobenzene-d5	9.105	82	4188331	102.986	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1328001	142.583	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	7569193	98.703	ng	0.00
79) Terphenyl-d14	19.881	244	6831420	126.643	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	647822	44.397	ng	# 61
3) Pyridine	3.805	79	1061929	25.244	ng	# 78
4) n-Nitrosodimethylamine	3.699	42	789830	48.977	ng	# 40
6) Aniline	7.269	93	624210	11.473	ng	91
8) 2-Chlorophenol	7.499	128	2043355	52.010	ng	93
9) Benzaldehyde	7.075	77	871710	30.834	ng	91
10) Phenol	7.128	94	2335017	47.005	ng	82
11) bis(2-Chloroethyl)ether	7.364	93	2072290	52.366	ng	92
12) 1,3-Dichlorobenzene	7.822	146	1798249m	41.274	ng	
13) 1,4-Dichlorobenzene	7.969	146	1842965	41.594	ng	97
14) 1,2-Dichlorobenzene	8.293	146	1811343	42.883	ng	97
15) Benzyl Alcohol	8.181	79	807468	25.609	ng	# 91
16) 2,2'-oxybis(1-Chloropr...	8.469	45	2715763	51.378	ng	95
17) 2-Methylphenol	8.381	107	1606605	49.811	ng	# 92
18) Hexachloroethane	9.022	117	666932	43.518	ng	93
19) n-Nitroso-di-n-propyla...	8.758	70	1449169	50.676	ng	# 83
20) 3+4-Methylphenols	8.711	107	2112632	47.693	ng	93
22) Acetophenone	8.769	105	2896051	51.220	ng	# 88
24) Nitrobenzene	9.146	77	2138139	50.531	ng	90
25) Isophorone	9.681	82	3886643	54.024	ng	95
26) 2-Nitrophenol	9.858	139	999942	51.183	ng	# 82
27) 2,4-Dimethylphenol	9.916	122	1735999	57.717	ng	89
28) bis(2-Chloroethoxy)met...	10.158	93	2021776	43.948	ng	98
29) 2,4-Dichlorophenol	10.393	162	1669048	50.093	ng	97
30) 1,2,4-Trichlorobenzene	10.610	180	1556694	42.201	ng	99
31) Naphthalene	10.799	128	5492327	43.881	ng	99
32) Benzoic acid	10.075	122	1166729	46.425	ng	88
33) 4-Chloroaniline	10.922	127	347854	7.084	ng	# 92
34) Hexachlorobutadiene	11.081	225	819636	40.336	ng	98
35) Caprolactam	11.716	113	423442	39.222	ng	# 77
36) 4-Chloro-3-methylphenol	12.028	107	1705880	47.606	ng	93
37) 2-Methylnaphthalene	12.404	142	3696597	44.131	ng	97
38) 1-Methylnaphthalene	12.622	142	3527012	43.067	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	1634965	51.968	ng	# 97
41) Hexachlorocyclopentadiene	12.752	237	2067622	131.664	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	1132389	52.914	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.081	196	1210034	50.571	ng		98
46)	1,1'-Biphenyl	13.416	154	4558100	52.562	ng		99
47)	2-Chloronaphthalene	13.457	162	3430650	50.281	ng		99
48)	2-Nitroaniline	13.657	65	949191	49.607	ng		89
49)	Acenaphthylene	14.298	152	5010215	47.457	ng		99
50)	Dimethylphthalate	14.040	163	3921947	47.161	ng		100
51)	2,6-Dinitrotoluene	14.157	165	854650	50.680	ng	#	86
52)	Acenaphthene	14.640	154	3727219m	53.075	ng		
53)	3-Nitroaniline	14.481	138	414421	20.814	ng		93
54)	2,4-Dinitrophenol	14.687	184	922167	93.454	ng		88
55)	Dibenzofuran	14.975	168	4812389	47.587	ng		99
56)	4-Nitrophenol	14.787	139	1340172	81.790	ng	#	75
57)	2,4-Dinitrotoluene	14.940	165	1100608	45.123	ng	#	88
58)	Fluorene	15.628	166	3853345	46.978	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.198	232	855366	43.514	ng		91
60)	Diethylphthalate	15.398	149	3777996	45.632	ng		98
61)	4-Chlorophenyl-phenyle...	15.622	204	1769587	46.671	ng		97
62)	4-Nitroaniline	15.645	138	434514	21.474	ng	#	81
63)	Azobenzene	15.910	77	3896350	48.972	ng		91
65)	4,6-Dinitro-2-methylph...	15.698	198	487223	46.677	ng		90
66)	n-Nitrosodiphenylamine	15.834	169	1031216	17.830	ng		99
67)	4-Bromophenyl-phenylether	16.516	248	942108	51.775	ng		96
68)	Hexachlorobenzene	16.628	284	969342	49.464	ng	#	92
70)	Pentachlorophenol	16.975	266	1233748	99.238	ng		99
71)	Phenanthrene	17.375	178	5142903	48.625	ng		98
72)	Anthracene	17.463	178	5150208	51.485	ng		98
73)	Carbazole	17.734	167	1144897	12.132	ng		99
74)	Di-n-butylphthalate	18.281	149	5575372	49.016	ng		99
75)	Fluoranthene	19.334	202	4812398	42.188	ng		94
77)	Benzidine	19.663	184	141889m	5.086	ng		
78)	Pyrene	19.686	202	4680957	59.165	ng		98
80)	Butylbenzylphthalate	20.557	149	1906910	57.517	ng		93
81)	Benzo(a)anthracene	21.392	228	3735709	49.410	ng		96
82)	3,3'-Dichlorobenzidine	21.328	252	76415	3.328	ng	#	97
83)	Chrysene	21.445	228	3516908	48.685	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.316	149	2613122	54.789	ng	#	99
85)	Di-n-octyl phthalate	22.257	149	4023291	49.158	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	26.427	276	2876428	160.718	ng	#	85
88)	Benzo(b)fluoranthene	23.110	252	3318177	215.966	ng	#	96
89)	Benzo(k)fluoranthene	23.157	252	3166019	204.484	ng	#	95
90)	Benzo(a)pyrene	23.751	252	2266172	178.543	ng	#	95
91)	Dibenzo(a,h)anthracene	26.445	278	3139371	211.246	ng	#	93
92)	Benzo(g,h,i)perylene	27.210	276	2343687	161.762	ng	#	89

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

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