Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
Data File : BP014095.D
Acq On : 14 Mar 2023 22:17
Operator : CG/JU
Sample : SP6157
Misc : 8270/625 SPIKE
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP6157

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

Quant Time: Mar 15 04:37:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 04:15:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	134423	20.000	ng		-0.01
21) Naphthalene-d8	10.886	136	496793	20.000	ng		#-0.01
39) Acenaphthene-d10	14.704	164	292914	20.000	ng		-0.01
64) Phenanthrene-d10	17.462	188	609767	20.000	ng		# 0.00
76) Chrysene-d12	21.539	240	563586	20.000	ng		# 0.00
86) Perylene-d12	24.074	264	608304	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.000	112	0d	0.000	ng		
7) Phenol-d6	0.000	99	0d	0.000	ng		
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.463	88	180839	50.221	ng		96
3) Pyridine	3.928	79	364933m	36.493	ng		
4) n-Nitrosodimethylamine	3.787	42	204875	46.155	ng		98
8) 2-Chlorophenol	7.628	128	429251	48.352	ng		94
9) Benzaldehyde	7.198	77	376878m	69.204	ng		
10) Phenol	7.251	94	557925	49.260	ng		97
11) bis(2-Chloroethyl)ether	7.481	93	519509	57.930	ng		99
12) 1,3-Dichlorobenzene	7.951	146	503242	51.585	ng		99
13) 1,4-Dichlorobenzene	8.098	146	512318	51.910	ng		99
14) 1,2-Dichlorobenzene	8.422	146	482810	51.075	ng		100
15) Benzyl Alcohol	8.310	79	356557m	40.186	ng		
16) 2,2'-oxybis(1-Chloropr...	8.598	45	559661m	57.323	ng		
17) 2-Methylphenol	8.516	107	368440	45.612	ng		99
18) Hexachloroethane	9.151	117	192193	51.838	ng		95
19) n-Nitroso-di-n-propyla...	8.875	70	347234	48.476	ng		99
20) 3+4-Methylphenols	8.845	107	482455	44.348	ng		98
22) Acetophenone	8.898	105	675924	48.506	ng	#	98
24) Nitrobenzene	9.281	77	511812	46.020	ng		95
25) Isophorone	9.810	82	912060	45.540	ng		98
26) 2-Nitrophenol	9.998	139	224855	46.481	ng		97
27) 2,4-Dimethylphenol	10.051	122	380149	48.330	ng		98
28) bis(2-Chloroethoxy)met...	10.286	93	560187	48.326	ng		98
29) 2,4-Dichlorophenol	10.539	162	389626	45.251	ng		98
30) 1,2,4-Trichlorobenzene	10.751	180	462691	47.332	ng		99
31) Naphthalene	10.939	128	1283263	47.009	ng		98
32) Benzoic acid	10.204	122	241014	37.595	ng		97
33) 4-Chloroaniline	11.175	127	454105	38.805	ng		96
34) Hexachlorobutadiene	11.216	225	314922	44.311	ng		98
35) Caprolactam	11.857	113	109299m	44.348	ng		
36) 4-Chloro-3-methylphenol	12.169	107	433972	45.192	ng		98
37) 2-Methylnaphthalene	12.539	142	871321	43.265	ng		97
38) 1-Methylnaphthalene	12.757	142	811179	43.210	ng		99
40) 1,2,4,5-Tetrachloroben...	12.904	216	531960	47.645	ng		98
41) Hexachlorocyclopentadiene	12.880	237	797658	113.839	ng		100
43) 2,4,6-Trichlorophenol	13.139	196	323106	45.783	ng		98
44) 2,4,5-Trichlorophenol	13.222	196	343441	41.996	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.539	154	1155176	48.995	ng		98
47) 2-Chloronaphthalene	13.586	162	888397	48.947	ng		100
48) 2-Nitroaniline	13.792	65	273344	49.624	ng		96
49) Acenaphthylene	14.427	152	1352560	46.860	ng		99
50) Dimethylphthalate	14.157	163	1076914	44.565	ng		99
51) 2,6-Dinitrotoluene	14.280	165	234217	46.026	ng		97
52) Acenaphthene	14.769	154	815101	46.912	ng		99
53) 3-Nitroaniline	14.627	138	218604	43.833	ng		90
54) 2,4-Dinitrophenol	14.821	184	322810	85.340	ng		97
55) Dibenzofuran	15.104	168	1309596	46.233	ng		98
56) 4-Nitrophenol	14.921	139	368396	90.713	ng		94
57) 2,4-Dinitrotoluene	15.069	165	319412	46.956	ng		98
58) Fluorene	15.757	166	1028929	45.746	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.327	232	309567	43.391	ng		96
60) Diethylphthalate	15.516	149	1068551	44.786	ng		99
61) 4-Chlorophenyl-phenyle...	15.745	204	546731	42.880	ng		100
62) 4-Nitroaniline	15.780	138	226568	45.625	ng		89
63) Azobenzene	16.033	77	1084747	49.133	ng		95
65) 4,6-Dinitro-2-methylph...	15.833	198	204003	45.168	ng		99
66) n-Nitrosodiphenylamine	15.957	169	886489	46.008	ng		99
67) 4-Bromophenyl-phenylether	16.639	248	344582	42.722	ng		96
68) Hexachlorobenzene	16.757	284	395220	45.714	ng		95
69) Atrazine	16.921	200	287289	42.468	ng		99
70) Pentachlorophenol	17.110	266	509118	81.653	ng		97
71) Phenanthrene	17.504	178	1597306	46.891	ng		99
72) Anthracene	17.592	178	1609780	46.250	ng		99
73) Carbazole	17.862	167	1423325	47.406	ng		100
74) Di-n-butylphthalate	18.392	149	1783626	47.514	ng		99
75) Fluoranthene	19.457	202	1863436	45.767	ng		98
77) Benzidine	19.674	184	493804m	42.100	ng		
78) Pyrene	19.809	202	1939572	44.838	ng		100
80) Butylbenzylphthalate	20.668	149	769288	46.909	ng		100
81) Benzo(a)anthracene	21.521	228	1884466	45.571	ng		99
82) 3,3'-Dichlorobenzidine	21.451	252	691283	52.244	ng		99
83) Chrysene	21.580	228	1771577	45.238	ng		99
84) Bis(2-ethylhexyl)phtha...	21.421	149	1138871	47.337	ng		99
85) Di-n-octyl phthalate	22.386	149	1918054	49.113	ng		98
87) Indeno(1,2,3-cd)pyrene	26.744	276	2256750	48.014	ng		98
88) Benzo(b)fluoranthene	23.297	252	1906778	47.871	ng		99
89) Benzo(k)fluoranthene	23.345	252	1866728	47.268	ng	#	98
90) Benzo(a)pyrene	23.962	252	1653590	43.524	ng		99
91) Dibenzo(a,h)anthracene	26.756	278	1869359	47.840	ng		99
92) Benzo(g,h,i)perylene	27.562	276	1830755	47.277	ng		98

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

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