Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
Data File : BP011826.D
Acq On : 27 Sep 2022 21:14
Operator : CG/JU
Sample : N4815-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

Quant Time: Sep 28 02:10:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:03:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	436560	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	1958120	20.000	ng	#	0.00
39) Acenaphthene-d10	14.557	164	1202916	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	2490191	20.000	ng		0.00
76) Chrysene-d12	21.398	240	2302661	20.000	ng		0.00
86) Perylene-d12	23.839	264	2364686	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	3556215	142.930	ng		0.00
7) Phenol-d6	7.075	99	4797582	130.408	ng		0.00
23) Nitrobenzene-d5	9.081	82	2670414	71.380	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	1446894	178.633	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	5984061	78.668	ng		0.00
79) Terphenyl-d14	19.869	244	8631136	86.187	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	393406	37.606	ng		92
3) Pyridine	3.758	79	1189306	36.837	ng		90
4) n-Nitrosodimethylamine	3.663	42	524336	36.725	ng	#	83
6) Aniline	7.234	93	1883087	41.147	ng		97
8) 2-Chlorophenol	7.469	128	1594618	52.678	ng		94
9) Benzaldehyde	7.046	77	863033m	37.496	ng		
10) Phenol	7.104	94	2119912	51.156	ng		96
11) bis(2-Chloroethyl)ether	7.334	93	1467000	44.722	ng		94
12) 1,3-Dichlorobenzene	7.799	146	1513133	47.569	ng		98
13) 1,4-Dichlorobenzene	7.946	146	1550358	47.564	ng		99
14) 1,2-Dichlorobenzene	8.263	146	1524894	47.820	ng		100
15) Benzyl Alcohol	8.157	79	1309802m	48.187	ng		
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1888128	34.847	ng		93
17) 2-Methylphenol	8.357	107	1358670	50.021	ng		97
18) Hexachloroethane	8.993	117	547376	43.863	ng		94
19) n-Nitroso-di-n-propyla...	8.728	70	1104588	40.841	ng	#	88
20) 3+4-Methylphenols	8.687	107	1861467	48.810	ng		99
22) Acetophenone	8.740	105	2261502	45.978	ng	#	94
24) Nitrobenzene	9.122	77	1626545	42.080	ng		94
25) Isophorone	9.651	82	3179222	45.298	ng		98
26) 2-Nitrophenol	9.834	139	814116	51.863	ng		90
27) 2,4-Dimethylphenol	9.893	122	1474837	59.499	ng		100
28) bis(2-Chloroethoxy)met...	10.134	93	2004215	49.001	ng		99
29) 2,4-Dichlorophenol	10.369	162	1486680	56.055	ng		98
30) 1,2,4-Trichlorobenzene	10.581	180	1371119	49.649	ng		98
31) Naphthalene	10.769	128	4689990	45.178	ng		100
32) Benzoic acid	10.040	122	855379	41.386	ng		96
33) 4-Chloroaniline	10.881	127	1219597	28.178	ng		98
34) Hexachlorobutadiene	11.057	225	744725	53.466	ng		96
35) Caprolactam	11.704	113	560105m	51.963	ng		
36) 4-Chloro-3-methylphenol	12.010	107	1669181	51.856	ng		95
37) 2-Methylnaphthalene	12.381	142	3312623	46.207	ng		99
38) 1-Methylnaphthalene	12.598	142	3179381	45.035	ng		99
40) 1,2,4,5-Tetrachloroben...	12.745	216	1528544	56.383	ng		98
41) Hexachlorocyclopentadiene	12.728	237	1570168	118.098	ng		97
43) 2,4,6-Trichlorophenol	12.987	196	1151560	58.682	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	1270704	56.337	ng		96
46) 1,1'-Biphenyl	13.392	154	4259826	48.740	ng		99
47) 2-Chloronaphthalene	13.434	162	3217633	47.464	ng		99
48) 2-Nitroaniline	13.639	65	1044065	43.197	ng	#	83
49) Acenaphthylene	14.281	152	5304103	47.137	ng		100
50) Dimethylphthalate	14.016	163	4054853	45.974	ng		100
51) 2,6-Dinitrotoluene	14.134	165	903575	49.620	ng		90
52) Acenaphthene	14.622	154	3154718	45.713	ng		99
53) 3-Nitroaniline	14.463	138	815543	36.566	ng		96
54) 2,4-Dinitrophenol	14.669	184	875404	90.095	ng	#	86
55) Dibenzofuran	14.957	168	4870657	46.047	ng		98
56) 4-Nitrophenol	14.781	139	1951700	105.375	ng		87
57) 2,4-Dinitrotoluene	14.922	165	1261557	46.713	ng	#	86
58) Fluorene	15.604	166	3937945	43.883	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	1046148m	56.807	ng		
60) Diethylphthalate	15.381	149	4158604	45.157	ng		98
61) 4-Chlorophenyl-phenyle...	15.598	204	1849566	49.297	ng		97
62) 4-Nitroaniline	15.633	138	1107574	42.748	ng		95
63) Azobenzene	15.892	77	3991882	39.587	ng		94
65) 4,6-Dinitro-2-methylph...	15.686	198	632589	49.875	ng		82
66) n-Nitrosodiphenylamine	15.816	169	3513000	47.346	ng		98
67) 4-Bromophenyl-phenylether	16.498	248	1123950	55.037	ng		92
68) Hexachlorobenzene	16.610	284	1195630	55.102	ng		94
69) Atrazine	16.775	200	1277699	59.465	ng		98
70) Pentachlorophenol	16.957	266	1738145	109.626	ng		99
71) Phenanthrene	17.357	178	6273506	44.667	ng		100
72) Anthracene	17.445	178	6311673	46.985	ng		99
73) Carbazole	17.716	167	6176200	46.945	ng		99
74) Di-n-butylphthalate	18.263	149	7514115	47.416	ng		99
75) Fluoranthene	19.316	202	7187192	47.071	ng		98
77) Benzidine	19.498	184	5161367	115.492	ng		100
78) Pyrene	19.669	202	7312647	47.526	ng		99
80) Butylbenzylphthalate	20.539	149	3635588	48.545	ng		91
81) Benzo(a)anthracene	21.380	228	7176201	47.234	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	1264527	28.539	ng		99
83) Chrysene	21.433	228	6668472	46.323	ng		99
84) Bis(2-ethylhexyl)phtha...	21.298	149	5300324	48.165	ng	#	99
85) Di-n-octyl phthalate	22.239	149	9166568	52.213	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.403	276	7006678	37.868	ng		95
88) Benzo(b)fluoranthene	23.098	252	7657949	52.160	ng		98
89) Benzo(k)fluoranthene	23.145	252	6980071	46.399	ng		98
90) Benzo(a)pyrene	23.733	252	6521829	52.504	ng		98
91) Dibenzo(a,h)anthracene	26.415	278	6009893	39.121	ng		96
92) Benzo(g,h,i)perylene	27.186	276	5740368	38.601	ng		96

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

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