Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125607.D
Acq On : 23 Sep 2021 23:27
Operator : JU/CG
Sample : M3730-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WALL-BRICK-FLOORMS

Manual Integrations APPROVED
mohammad
9/24/2021 5:30:15 PM

Quant Time: Sep 24 04:19:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	238543	20.000	ng		0.00
21) Naphthalene-d8	8.180	136	996261	20.000	ng	#	0.00
39) Acenaphthene-d10	9.933	164	528084	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	918968	20.000	ng		0.00
76) Chrysene-d12	14.062	240	649691	20.000	ng		0.00
86) Perylene-d12	15.539	264	619962	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1597292	105.888	ng		0.02
7) Phenol-d6	6.522	99	1815713	93.357	ng		0.00
23) Nitrobenzene-d5	7.457	82	1288596	82.498	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	653470	126.338	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2533228	87.126	ng		0.00
79) Terphenyl-d14	13.010	244	2765717	68.742	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	249905	41.090	ng	#	100
3) Pyridine	3.581	79	499059	30.623	ng	#	72
4) n-Nitrosodimethylamine	3.522	42	267392	41.600	ng	#	1
6) Aniline	6.557	93	400333	17.879	ng		94
8) 2-Chlorophenol	6.681	128	775553	45.023	ng		97
9) Benzaldehyde	6.445	77	251114	22.480	ng		94
10) Phenol	6.534	94	783010	39.553	ng		91
11) bis(2-Chloroethyl)ether	6.633	93	718273	45.384	ng		97
12) 1,3-Dichlorobenzene	6.839	146	742387	40.099	ng		97
13) 1,4-Dichlorobenzene	6.916	146	760738	40.651	ng		98
14) 1,2-Dichlorobenzene	7.069	146	744100	42.574	ng		97
15) Benzyl Alcohol	7.033	79	607901	43.676	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.175	45	913276	41.938	ng		89
17) 2-Methylphenol	7.145	107	599206	43.579	ng		96
18) Hexachloroethane	7.410	117	266428	39.986	ng		94
19) n-Nitroso-di-n-propyla...	7.310	70	488873	41.998	ng	#	68
20) 3+4-Methylphenols	7.298	107	715979	41.879	ng		89
22) Acetophenone	7.304	105	986626	42.802	ng	#	91
24) Nitrobenzene	7.475	77	783519	47.337	ng		96
25) Isophorone	7.716	82	1361627	40.508	ng		93
26) 2-Nitrophenol	7.792	139	402106	53.951	ng	#	92
27) 2,4-Dimethylphenol	7.828	122	690926	46.255	ng		95
28) bis(2-Chloroethoxy)met...	7.928	93	899139	46.557	ng		97
29) 2,4-Dichlorophenol	8.033	162	662309	43.860	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	664594	41.760	ng		97
31) Naphthalene	8.204	128	2425705	47.409	ng		98
32) Benzoic acid	7.928	122	303044	33.413	ng		97
33) 4-Chloroaniline	8.239	127	213115	10.162	ng		99
34) Hexachlorobutadiene	8.322	225	357321	39.818	ng		98
35) Caprolactam	8.616	113	180877m	43.676	ng		
36) 4-Chloro-3-methylphenol	8.722	107	677208	45.654	ng		97
37) 2-Methylnaphthalene	8.892	142	1573315	45.398	ng		97
38) 1-Methylnaphthalene	8.992	142	1441810	44.341	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	601037	42.270	ng		100
41) Hexachlorocyclopentadiene	9.051	237	634228	79.759	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	486070	45.371	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	524831	46.681	ng		93
46) 1,1'-Biphenyl	9.357	154	1755913	44.130	ng		96
47) 2-Chloronaphthalene	9.380	162	1455495	44.042	ng		98
48) 2-Nitroaniline	9.474	65	361167	51.216	ng		87
49) Acenaphthylene	9.798	152	2204164	45.382	ng		96
50) Dimethylphthalate	9.657	163	1745323	48.022	ng		98
51) 2,6-Dinitrotoluene	9.716	165	381066	52.701	ng		94
52) Acenaphthene	9.969	154	1496130	48.799	ng		97
53) 3-Nitroaniline	9.880	138	215914	28.116	ng		90
54) 2,4-Dinitrophenol	9.986	184	198239	76.099	ng	#	76
55) Dibenzofuran	10.145	168	2071084	45.521	ng		97
56) 4-Nitrophenol	10.039	139	620805	99.652	ng		87
57) 2,4-Dinitrotoluene	10.121	165	525027	60.589	ng	#	80
58) Fluorene	10.486	166	1562616	44.657	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.257	232	402505	47.666	ng	#	89
60) Diethylphthalate	10.357	149	1682320	46.967	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	697307	44.807	ng		91
62) 4-Nitroaniline	10.498	138	340066	49.002	ng	#	77
63) Azobenzene	10.639	77	1500790	43.121	ng		83
65) 4,6-Dinitro-2-methylph...	10.527	198	170473	38.215	ng	#	69
66) n-Nitrosodiphenylamine	10.598	169	1408657	42.222	ng		95
67) 4-Bromophenyl-phenylether	10.969	248	453639	43.196	ng		95
68) Hexachlorobenzene	11.033	284	526844	44.514	ng	#	87
69) Atrazine	11.121	200	473873	52.815	ng		93
70) Pentachlorophenol	11.227	266	562158	83.310	ng		95
71) Phenanthrene	11.451	178	2395965	46.415	ng		95
72) Anthracene	11.498	178	2305955	44.815	ng		96
73) Carbazole	11.651	167	2214452	45.503	ng		98
74) Di-n-butylphthalate	11.980	149	2536679	43.920	ng		99
75) Fluoranthene	12.639	202	2372550	46.849	ng		97
77) Benzidine	12.751	184	420618	22.833	ng		98
78) Pyrene	12.868	202	2420446m	39.755	ng		
80) Butylbenzylphthalate	13.480	149	1119705	45.513	ng		94
81) Benzo(a)anthracene	14.051	228	1921177	43.440	ng		99
82) 3,3'-Dichlorobenzidine	14.009	252	300510	22.177	ng		99
83) Chrysene	14.092	228	1996865	44.697	ng		95
84) Bis(2-ethylhexyl)phtha...	14.045	149	1441552	47.932	ng	#	99
85) Di-n-octyl phthalate	14.656	149	2496592	49.925	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.039	276	2102853	47.250	ng		97
88) Benzo(b)fluoranthene	15.109	252	1987306	43.830	ng		98
89) Benzo(k)fluoranthene	15.139	252	1924298	46.406	ng	#	97
90) Benzo(a)pyrene	15.480	252	1850201	46.885	ng		98
91) Dibenzo(a,h)anthracene	17.062	278	1739527	46.118	ng		96
92) Benzo(g,h,i)perylene	17.492	276	1752800	47.084	ng		93

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

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