Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125603.D
Acq On : 23 Sep 2021 21:18
Operator : JU/CG
Sample : M3889-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-04-(6-8)MS

Manual Integrations APPROVED
mohammad
9/24/2021 5:30:10 PM

Quant Time: Sep 24 04:19:02 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	235994	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	973238	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	525430	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	916838	20.000	ng	0.00
76) Chrysene-d12	14.062	240	649133	20.000	ng	0.00
86) Perylene-d12	15.539	264	587827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1535750	102.908	ng	0.01
7) Phenol-d6	6.522	99	1912717	99.407	ng	0.00
23) Nitrobenzene-d5	7.457	82	1160819	76.075	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	578975	112.501	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2260268	76.786	ng	0.00
79) Terphenyl-d14	13.010	244	2355514	58.597	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	257155	42.739	ng	# 100
3) Pyridine	3.498	79	584345	36.244	ng	# 72
4) n-Nitrosodimethylamine	3.445	42	269909	42.445	ng	# 1
6) Aniline	6.557	93	879477	39.702	ng	95
8) 2-Chlorophenol	6.681	128	764591	44.866	ng	98
9) Benzaldehyde	6.445	77	456923	51.504	ng	94
10) Phenol	6.533	94	870833	44.465	ng	89
11) bis(2-Chloroethyl)ether	6.633	93	695533	44.421	ng	94
12) 1,3-Dichlorobenzene	6.839	146	787913	43.018	ng	96
13) 1,4-Dichlorobenzene	6.916	146	812213	43.871	ng	97
14) 1,2-Dichlorobenzene	7.069	146	777054	44.939	ng	99
15) Benzyl Alcohol	7.033	79	593334	43.090	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.175	45	909466	42.214	ng	89
17) 2-Methylphenol	7.145	107	603236	44.346	ng	97
18) Hexachloroethane	7.410	117	286855	43.516	ng	94
19) n-Nitroso-di-n-propyla...	7.310	70	466719	40.528	ng	# 69
20) 3+4-Methylphenols	7.292	107	722274	42.703	ng	90
22) Acetophenone	7.304	105	965749	42.888	ng	# 91
24) Nitrobenzene	7.475	77	725584	44.874	ng	95
25) Isophorone	7.716	82	1319007	40.169	ng	# 93
26) 2-Nitrophenol	7.792	139	400559	55.015	ng	# 92
27) 2,4-Dimethylphenol	7.828	122	700858	48.029	ng	96
28) bis(2-Chloroethoxy)met...	7.928	93	858458	45.502	ng	97
29) 2,4-Dichlorophenol	8.033	162	636366	43.139	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	660920	42.512	ng	96
31) Naphthalene	8.204	128	2127942	42.573	ng	99
32) Benzoic acid	7.945	122	505162	57.016	ng	97
33) 4-Chloroaniline	8.245	127	470527	22.967	ng	96
34) Hexachlorobutadiene	8.322	225	367162	41.882	ng	99
35) Caprolactam	8.616	113	210894m	52.129	ng	
36) 4-Chloro-3-methylphenol	8.722	107	645686	44.558	ng	99
37) 2-Methylnaphthalene	8.892	142	1459464	43.109	ng	98
38) 1-Methylnaphthalene	8.992	142	1359245	42.791	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	581921	41.132	ng	98
41) Hexachlorocyclopentadiene	9.051	237	745672	94.248	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	462808	43.418	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	496636	44.397	ng		93
46) 1,1'-Biphenyl	9.357	154	1661451	41.967	ng		96
47) 2-Chloronaphthalene	9.380	162	1399985	42.576	ng		99
48) 2-Nitroaniline	9.474	65	377901	53.860	ng		88
49) Acenaphthylene	9.798	152	2103409	43.527	ng		96
50) Dimethylphthalate	9.657	163	1592627	44.042	ng		97
51) 2,6-Dinitrotoluene	9.716	165	353391	49.120	ng		95
52) Acenaphthene	9.969	154	1420732	46.574	ng		97
53) 3-Nitroaniline	9.880	138	271425	35.522	ng		87
54) 2,4-Dinitrophenol	9.986	184	339262	130.893	ng	#	79
55) Dibenzofuran	10.145	168	1884574	41.631	ng		95
56) 4-Nitrophenol	10.039	139	651306	105.076	ng		87
57) 2,4-Dinitrotoluene	10.121	165	479812	55.651	ng	#	82
58) Fluorene	10.486	166	1420217	40.792	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.257	232	376213	44.778	ng	#	90
60) Diethylphthalate	10.357	149	1568485	44.010	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	652372	42.132	ng		92
62) 4-Nitroaniline	10.504	138	387717	56.151	ng	#	74
63) Azobenzene	10.639	77	1410525	40.733	ng		83
65) 4,6-Dinitro-2-methylph...	10.527	198	224328	50.404	ng	#	74
66) n-Nitrosodiphenylamine	10.598	169	1331905	40.014	ng		95
67) 4-Bromophenyl-phenylether	10.968	248	425854	40.645	ng		94
68) Hexachlorobenzene	11.033	284	493908	41.828	ng	#	88
69) Atrazine	11.121	200	432676	48.336	ng		95
70) Pentachlorophenol	11.227	266	562970	83.624	ng		94
71) Phenanthrene	11.451	178	2134835	41.453	ng		97
72) Anthracene	11.498	178	2207624	43.003	ng		96
73) Carbazole	11.651	167	2046860	42.157	ng		98
74) Di-n-butylphthalate	11.980	149	2381871	41.336	ng		99
75) Fluoranthene	12.633	202	2220156	43.942	ng		95
77) Benzidine	12.757	184	1212004	65.848	ng		98
78) Pyrene	12.862	202	2262616	37.195	ng		94
80) Butylbenzylphthalate	13.480	149	1047394	42.611	ng		96
81) Benzo(a)anthracene	14.051	228	1795072	40.623	ng		98
82) 3,3'-Dichlorobenzidine	14.015	252	578640	42.739	ng		99
83) Chrysene	14.092	228	1828545	40.965	ng		96
84) Bis(2-ethylhexyl)phtha...	14.045	149	1321205	43.968	ng	#	99
85) Di-n-octyl phthalate	14.656	149	2226954	44.571	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.039	276	1824166	43.229	ng		97
88) Benzo(b)fluoranthene	15.109	252	1793211	41.711	ng		98
89) Benzo(k)fluoranthene	15.139	252	1685420m	42.867	ng		
90) Benzo(a)pyrene	15.480	252	1664610	44.488	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	1514740	42.354	ng		97
92) Benzo(g,h,i)perylene	17.492	276	1549883	43.909	ng		93

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

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