Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
Data File : BF125730.D
Acq On : 30 Sep 2021 13:28
Operator : JU/CG
Sample : M3951-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-20210924MS

Manual Integrations APPROVED
mohammad
10/1/2021 11:28:48 AM

Quant Time: Sep 30 13:54:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	214025	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	869261	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	453525	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	776990	20.000	ng	0.00
76) Chrysene-d12	14.045	240	471422	20.000	ng	0.00
86) Perylene-d12	15.515	264	468424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1537075	118.324	ng	0.02
7) Phenol-d6	6.516	99	1743435	99.827	ng	0.00
23) Nitrobenzene-d5	7.451	82	1223282	98.157	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	607128	143.579	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2321884	93.297	ng	0.00
79) Terphenyl-d14	12.992	244	2420440	88.914	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	230468	41.687	ng	# 100
3) Pyridine	3.540	79	430838	29.463	ng	# 70
4) n-Nitrosodimethylamine	3.481	42	240455	44.317	ng	# 1
6) Aniline	6.551	93	569267	28.230	ng	93
8) 2-Chlorophenol	6.675	128	674471	45.772	ng	97
9) Benzaldehyde	6.440	77	253300	29.447	ng	90
10) Phenol	6.528	94	646714m	36.633	ng	
11) bis(2-Chloroethyl)ether	6.622	93	632570	46.108	ng	97
12) 1,3-Dichlorobenzene	6.834	146	668974m	41.115	ng	
13) 1,4-Dichlorobenzene	6.904	146	678966	41.015	ng	97
14) 1,2-Dichlorobenzene	7.057	146	656763	42.050	ng	99
15) Benzyl Alcohol	7.028	79	514589	42.478	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	749663	42.928	ng	87
17) 2-Methylphenol	7.134	107	517164	42.799	ng	97
18) Hexachloroethane	7.404	117	230118	42.826	ng	# 89
19) n-Nitroso-di-n-propyla...	7.298	70	405295	40.759	ng	# 68
20) 3+4-Methylphenols	7.287	107	618472	40.712	ng	93
22) Acetophenone	7.298	105	863207	43.763	ng	# 88
24) Nitrobenzene	7.469	77	636554	50.213	ng	97
25) Isophorone	7.710	82	1136840	40.732	ng	96
26) 2-Nitrophenol	7.781	139	352113	52.353	ng	90
27) 2,4-Dimethylphenol	7.816	122	585896	47.202	ng	95
28) bis(2-Chloroethoxy)met...	7.916	93	752300	47.788	ng	97
29) 2,4-Dichlorophenol	8.022	162	565057	45.827	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	567188	42.257	ng	99
31) Naphthalene	8.192	128	1849601	41.440	ng	99
32) Benzoic acid	7.928	122	392936	44.060	ng	99
33) 4-Chloroaniline	8.234	127	252988	13.513	ng	98
34) Hexachlorobutadiene	8.310	225	301685	40.763	ng	100
35) Caprolactam	8.604	113	152369m	37.868	ng	
36) 4-Chloro-3-methylphenol	8.716	107	571994	44.271	ng	99
37) 2-Methylnaphthalene	8.881	142	1289731	42.606	ng	99
38) 1-Methylnaphthalene	8.981	142	1198792	41.904	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	520650	44.141	ng	98
41) Hexachlorocyclopentadiene	9.039	237	533319	106.866	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	402654	48.680	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	440170	49.289	ng	#	89
46) 1,1'-Biphenyl	9.345	154	1475405	44.118	ng		97
47) 2-Chloronaphthalene	9.375	162	1228915	44.385	ng		95
48) 2-Nitroaniline	9.463	65	338665	51.524	ng		93
49) Acenaphthylene	9.786	152	1860635	44.641	ng		97
50) Dimethylphthalate	9.645	163	1400839	45.850	ng		98
51) 2,6-Dinitrotoluene	9.704	165	317185	50.702	ng		95
52) Acenaphthene	9.963	154	1269033	48.561	ng		99
53) 3-Nitroaniline	9.875	138	237904	34.440	ng		96
54) 2,4-Dinitrophenol	9.980	184	281560	91.032	ng	#	70
55) Dibenzofuran	10.133	168	1695666	43.249	ng		94
56) 4-Nitrophenol	10.033	139	522649	92.866	ng		87
57) 2,4-Dinitrotoluene	10.110	165	436286	55.380	ng	#	78
58) Fluorene	10.475	166	1285312	42.118	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	339155	49.346	ng	#	89
60) Diethylphthalate	10.345	149	1344120	45.632	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	582261	42.925	ng		90
62) 4-Nitroaniline	10.492	138	350669	50.282	ng	#	72
63) Azobenzene	10.628	77	1232889	43.350	ng	#	82
65) 4,6-Dinitro-2-methylph...	10.516	198	186758	49.123	ng	#	72
66) n-Nitrosodiphenylamine	10.580	169	1183395	44.367	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	371031	45.502	ng		92
68) Hexachlorobenzene	11.022	284	443552	46.347	ng	#	85
69) Atrazine	11.110	200	376407	53.222	ng		94
70) Pentachlorophenol	11.216	266	499031	98.660	ng		94
71) Phenanthrene	11.433	178	1918047	44.021	ng		96
72) Anthracene	11.486	178	1979247	45.971	ng		97
73) Carbazole	11.639	167	1825364	43.080	ng		98
74) Di-n-butylphthalate	11.969	149	2026217	47.433	ng		99
75) Fluoranthene	12.622	202	1937009	41.597	ng		96
77) Benzidine	12.739	184	777806	62.805	ng		98
78) Pyrene	12.851	202	1946502	45.688	ng		95
80) Butylbenzylphthalate	13.463	149	746284	52.897	ng		96
81) Benzo(a)anthracene	14.033	228	1390575	43.425	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	355180	38.440	ng		98
83) Chrysene	14.074	228	1420687	44.209	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	888393	55.006	ng	#	98
85) Di-n-octyl phthalate	14.639	149	1374851	58.040	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.009	276	1601381	50.363	ng		97
88) Benzo(b)fluoranthene	15.086	252	1441925	43.936	ng		99
89) Benzo(k)fluoranthene	15.121	252	1321932	42.042	ng		97
90) Benzo(a)pyrene	15.457	252	1367162	46.799	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	1342890	50.529	ng		98
92) Benzo(g,h,i)perylene	17.462	276	1385804	51.056	ng		93

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

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