Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
Data File : BF126180.D
Acq On : 13 Nov 2021 21:28
Operator : JU/CG
Sample : M4654-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARKINGLOT-BOTTOM-U-SPMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 15 10:01:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 08:09:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.833	152	158921	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	848740	20.000	ng	#	0.00
39) Acenaphthene-d10	9.874	164	440302	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	657977	20.000	ng		0.00
76) Chrysene-d12	13.998	240	545362	20.000	ng	#	0.00
86) Perylene-d12	15.462	264	638912	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1130355	122.145	ng		0.00
7) Phenol-d6	6.469	99	1457652	111.736	ng		0.00
23) Nitrobenzene-d5	7.398	82	1054578	58.598	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	469206	92.988	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	2287792	70.216	ng		0.00
79) Terphenyl-d14	12.939	244	1761394	52.082	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	135002	35.084	ng	#	100
3) Pyridine	3.369	79	361962	34.957	ng		94
4) n-Nitrosodimethylamine	3.316	42	311135	42.849	ng	#	80
6) Aniline	6.492	93	660957	45.948	ng	#	89
8) 2-Chlorophenol	6.616	128	537595	54.365	ng		82
9) Benzaldehyde	6.381	77	330853	45.944	ng		91
10) Phenol	6.481	94	694052	52.032	ng		80
11) bis(2-Chloroethyl)ether	6.569	93	522345	53.763	ng		88
12) 1,3-Dichlorobenzene	6.775	146	599589m	53.239	ng		
13) 1,4-Dichlorobenzene	6.851	146	537880	46.836	ng		96
14) 1,2-Dichlorobenzene	7.004	146	520265	47.023	ng		97
15) Benzyl Alcohol	6.975	79	502620	45.114	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.110	45	836572	46.827	ng		93
17) 2-Methylphenol	7.086	107	414400	49.241	ng	#	88
18) Hexachloroethane	7.345	117	245852	56.982	ng	#	83
19) n-Nitroso-di-n-propyla...	7.245	70	439992	51.161	ng	#	80
20) 3+4-Methylphenols	7.239	107	574946	50.533	ng	#	68
22) Acetophenone	7.245	105	826380	33.711	ng	#	89
24) Nitrobenzene	7.416	77	651060	36.526	ng	#	84
25) Isophorone	7.657	82	1385901	42.772	ng	#	88
26) 2-Nitrophenol	7.733	139	363930	56.775	ng	#	82
27) 2,4-Dimethylphenol	7.769	122	584741	49.497	ng	#	85
28) bis(2-Chloroethoxy)met...	7.869	93	818164	42.820	ng	#	96
29) 2,4-Dichlorophenol	7.975	162	592971	44.467	ng		97
30) 1,2,4-Trichlorobenzene	8.057	180	702747	43.221	ng		98
31) Naphthalene	8.139	128	1918870	43.649	ng		99
32) Benzoic acid	7.892	122	314350	43.869	ng	#	75
33) 4-Chloroaniline	8.186	127	393822	22.415	ng	#	92
34) Hexachlorobutadiene	8.257	225	442738	39.556	ng		98
35) Caprolactam	8.557	113	166344m	44.796	ng		
36) 4-Chloro-3-methylphenol	8.669	107	615852	40.050	ng		88
37) 2-Methylnaphthalene	8.827	142	1338097	44.071	ng		99
38) 1-Methylnaphthalene	8.927	142	1226004	41.687	ng		96
40) 1,2,4,5-Tetrachloroben...	8.998	216	674016	45.678	ng		98
41) Hexachlorocyclopentadiene	8.986	237	745863	97.285	ng		98
43) 2,4,6-Trichlorophenol	9.110	196	423925	47.443	ng		97

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44) 2,4,5-Trichlorophenol	9.145	196	435583	45.124	ng		94
46) 1,1'-Biphenyl	9.292	154	1522316	44.731	ng		97
47) 2-Chloronaphthalene	9.322	162	1230172	45.924	ng		98
48) 2-Nitroaniline	9.410	65	398019	45.581	ng	#	78
49) Acenaphthylene	9.733	152	1806666	44.598	ng		97
50) Dimethylphthalate	9.598	163	1351361	42.157	ng	#	98
51) 2,6-Dinitrotoluene	9.657	165	290504	52.871	ng		88
52) Acenaphthene	9.910	154	1083829	42.418	ng		98
53) 3-Nitroaniline	9.822	138	188204	33.412	ng	#	74
54) 2,4-Dinitrophenol	9.933	184	231675	79.975	ng	#	82
55) Dibenzofuran	10.080	168	1590331	41.346	ng		98
56) 4-Nitrophenol	9.986	139	365814	82.289	ng	#	72
57) 2,4-Dinitrotoluene	10.057	165	373156	47.201	ng	#	93
58) Fluorene	10.422	166	1200571	38.879	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	324487	39.696	ng	#	88
60) Diethylphthalate	10.298	149	1222154	38.018	ng		96
61) 4-Chlorophenyl-phenyle...	10.416	204	628344	38.048	ng	#	87
62) 4-Nitroaniline	10.433	138	239158	40.709	ng		94
63) Azobenzene	10.574	77	1188123	34.038	ng		91
65) 4,6-Dinitro-2-methylph...	10.469	198	164437	51.228	ng		83
66) n-Nitrosodiphenylamine	10.533	169	1000535	47.750	ng		96
67) 4-Bromophenyl-phenylether	10.904	248	377882	47.415	ng		94
68) Hexachlorobenzene	10.969	284	399839	48.027	ng	#	90
69) Atrazine	11.057	200	345386	46.601	ng		92
70) Pentachlorophenol	11.163	266	379084	84.502	ng		93
71) Phenanthrene	11.380	178	1589411	44.543	ng		97
72) Anthracene	11.433	178	1586569	44.536	ng		98
73) Carbazole	11.586	167	1290570	39.060	ng		100
74) Di-n-butylphthalate	11.921	149	1579491	41.027	ng		100
75) Fluoranthene	12.568	202	1602734	40.336	ng		96
77) Benzidine	12.692	184	796681	43.700	ng	#	97
78) Pyrene	12.798	202	1627594	37.214	ng		96
80) Butylbenzylphthalate	13.421	149	634976	39.859	ng	#	92
81) Benzo(a)anthracene	13.986	228	1587520	42.373	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	357476	32.697	ng	#	98
83) Chrysene	14.027	228	1597112	45.814	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	892146	40.407	ng		100
85) Di-n-octyl phthalate	14.592	149	1698488	54.144	ng		98
87) Indeno(1,2,3-cd)pyrene	16.921	276	1231235	32.558	ng	#	84
88) Benzo(b)fluoranthene	15.039	252	1731921	41.674	ng	#	94
89) Benzo(k)fluoranthene	15.068	252	1681512	41.711	ng		99
90) Benzo(a)pyrene	15.404	252	1725512	52.702	ng	#	96
91) Dibenzo(a,h)anthracene	16.939	278	1032317	33.236	ng	#	92
92) Benzo(g,h,i)perylene	17.362	276	1037319	34.822	ng	#	83

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

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