Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126307.D
Acq On : 21 Dec 2021 20:46
Operator : JU/CG
Sample : M5142-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

Quant Time: Dec 22 05:22:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	182769	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	805910	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	388963	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	600524	20.000	ng	#	0.01
76) Chrysene-d12	13.980	240	332103	20.000	ng	#	0.01
86) Perylene-d12	15.421	264	286350	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1549738	124.869	ng		0.04
7) Phenol-d6	6.457	99	1948238	123.629	ng		0.01
23) Nitrobenzene-d5	7.386	82	1537825	103.346	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	467328	149.503	ng		0.01
45) 2-Fluorobiphenyl	9.180	172	2020339	91.099	ng		0.00
79) Terphenyl-d14	12.933	244	1778689	93.091	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	264699	43.693	ng	#	100
3) Pyridine	3.469	79	453341	28.178	ng	#	78
4) n-Nitrosodimethylamine	3.416	42	329286	53.255	ng	#	4
6) Aniline	6.481	93	327615	16.367	ng	#	65
8) 2-Chlorophenol	6.604	128	723668	57.500	ng		89
9) Benzaldehyde	6.369	77	203723	21.423	ng		94
10) Phenol	6.469	94	774093	43.761	ng		94
11) bis(2-Chloroethyl)ether	6.557	93	821850	59.855	ng		97
12) 1,3-Dichlorobenzene	6.763	146	644128	50.736	ng		98
13) 1,4-Dichlorobenzene	6.839	146	642203	50.092	ng		96
14) 1,2-Dichlorobenzene	6.986	146	616973	52.048	ng		96
15) Benzyl Alcohol	6.969	79	578810	50.313	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1235883	55.002	ng		88
17) 2-Methylphenol	7.081	107	622018	56.417	ng		95
18) Hexachloroethane	7.333	117	268568	53.256	ng		96
19) n-Nitroso-di-n-propyla...	7.245	70	521175	53.873	ng	#	72
20) 3+4-Methylphenols	7.233	107	631226	48.428	ng	#	72
22) Acetophenone	7.233	105	964799	52.017	ng		94
24) Nitrobenzene	7.404	77	790447	53.212	ng		89
25) Isophorone	7.645	82	1489115	52.993	ng	#	88
26) 2-Nitrophenol	7.716	139	381826	57.019	ng	#	82
27) 2,4-Dimethylphenol	7.757	122	665928	58.557	ng		96
28) bis(2-Chloroethoxy)met...	7.851	93	977068	52.886	ng	#	97
29) 2,4-Dichlorophenol	7.963	162	555690	54.971	ng		93
30) 1,2,4-Trichlorobenzene	8.045	180	523692	50.085	ng		99
31) Naphthalene	8.122	128	1965215	52.143	ng		99
32) Benzoic acid	7.904	122	520546	53.132	ng		96
33) 4-Chloroaniline	8.186	127	112605	7.156	ng		96
34) Hexachlorobutadiene	8.245	225	259493	50.531	ng		99
35) Caprolactam	8.563	113	160264m	63.793	ng		
36) 4-Chloro-3-methylphenol	8.663	107	665084	55.775	ng		89
37) 2-Methylnaphthalene	8.816	142	1275440	54.952	ng		99
38) 1-Methylnaphthalene	8.916	142	1172189	52.041	ng		97
40) 1,2,4,5-Tetrachloroben...	8.986	216	411969	49.074	ng	#	95
41) Hexachlorocyclopentadiene	8.975	237	502406	104.509	ng		94
43) 2,4,6-Trichlorophenol	9.092	196	325403	49.275	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	355562	51.993	ng		95
46) 1,1'-Biphenyl	9.280	154	1458398	50.709	ng		97
47) 2-Chloronaphthalene	9.304	162	1074359	49.650	ng		96
48) 2-Nitroaniline	9.404	65	430633	54.523	ng		91
49) Acenaphthylene	9.722	152	1678365	50.760	ng		97
50) Dimethylphthalate	9.592	163	1309446	53.145	ng		99
51) 2,6-Dinitrotoluene	9.645	165	294869	55.292	ng	#	80
52) Acenaphthene	9.892	154	1223140m	57.042	ng		
53) 3-Nitroaniline	9.810	138	134843	19.893	ng	#	78
54) 2,4-Dinitrophenol	9.922	184	325901	148.417	ng	#	82
55) Dibenzofuran	10.069	168	1401289	47.999	ng		99
56) 4-Nitrophenol	9.980	139	471340	96.267	ng	#	78
57) 2,4-Dinitrotoluene	10.051	165	372813	54.803	ng	#	90
58) Fluorene	10.410	166	1008925	47.737	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	264929	52.248	ng	#	99
60) Diethylphthalate	10.286	149	1243498	50.221	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	443963	46.654	ng		98
62) 4-Nitroaniline	10.433	138	291907	51.337	ng	#	74
63) Azobenzene	10.563	77	1472455	49.097	ng		85
65) 4,6-Dinitro-2-methylph...	10.457	198	194384	59.277	ng		93
66) n-Nitrosodiphenylamine	10.521	169	940970	48.824	ng		98
67) 4-Bromophenyl-phenylether	10.892	248	291088	51.648	ng		97
68) Hexachlorobenzene	10.957	284	344808	53.194	ng	#	88
69) Atrazine	11.051	200	227483	64.408	ng		95
70) Pentachlorophenol	11.151	266	371286	103.247	ng		92
71) Phenanthrene	11.368	178	1533052	49.461	ng		96
72) Anthracene	11.421	178	1596114	51.306	ng		98
73) Carbazole	11.574	167	1429430	48.790	ng		99
74) Di-n-butylphthalate	11.910	149	1809986	48.734	ng		99
75) Fluoranthene	12.557	202	1460802	52.310	ng		92
77) Benzidine	12.674	184	39669	7.577	ng		95
78) Pyrene	12.786	202	1507273	49.401	ng		97
80) Butylbenzylphthalate	13.404	149	758922	52.858	ng	#	79
81) Benzo(a)anthracene	13.974	228	953931	48.492	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	122471	13.627	ng		98
83) Chrysene	14.009	228	1066133	52.161	ng		98
84) Bis(2-ethylhexyl)phtha...	13.962	149	846715	52.773	ng		98
85) Di-n-octyl phthalate	14.574	149	1627584	56.906	ng		100
87) Indeno(1,2,3-cd)pyrene	16.862	276	1002544	52.489	ng	#	93
88) Benzo(b)fluoranthene	15.009	252	990694	57.580	ng		96
89) Benzo(k)fluoranthene	15.039	252	981626	59.640	ng	#	96
90) Benzo(a)pyrene	15.368	252	944074	66.020	ng	#	96
91) Dibenzo(a,h)anthracene	16.886	278	836690	53.888	ng		94
92) Benzo(g,h,i)perylene	17.292	276	826133	51.426	ng		92

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

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