Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
Data File : BF126181.D
Acq On : 13 Nov 2021 22:01
Operator : JU/CG
Sample : M4654-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

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

Quant Time: Nov 15 10:02:33 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	6.834	152	161371	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	627105	20.000	ng	#	0.00
39) Acenaphthene-d10	9.875	164	495651	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	751566	20.000	ng		0.00
76) Chrysene-d12	13.998	240	532495	20.000	ng	#	0.00
86) Perylene-d12	15.457	264	622582	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1101100	117.177	ng		0.01
7) Phenol-d6	6.469	99	1409847	106.431	ng		0.00
23) Nitrobenzene-d5	7.398	82	1034805	77.821	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	555476	97.792	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	2499827	68.156	ng		0.00
79) Terphenyl-d14	12.939	244	1810099	54.815	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	170024	43.514	ng	#	100
3) Pyridine	3.375	79	383649	36.489	ng		96
4) n-Nitrosodimethylamine	3.322	42	327238	44.383	ng	#	80
6) Aniline	6.493	93	591820	40.517	ng	#	87
8) 2-Chlorophenol	6.616	128	497868	49.583	ng		84
9) Benzaldehyde	6.381	77	334367	45.599	ng		90
10) Phenol	6.481	94	648231	47.859	ng		76
11) bis(2-Chloroethyl)ether	6.569	93	468624	47.501	ng		89
12) 1,3-Dichlorobenzene	6.775	146	541849m	47.381	ng		
13) 1,4-Dichlorobenzene	6.851	146	563322	48.307	ng		98
14) 1,2-Dichlorobenzene	7.004	146	529223	47.106	ng		98
15) Benzyl Alcohol	6.975	79	513169	45.362	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.110	45	816258	44.996	ng		92
17) 2-Methylphenol	7.087	107	412797	48.306	ng	#	90
18) Hexachloroethane	7.345	117	223601	51.038	ng	#	85
19) n-Nitroso-di-n-propyla...	7.251	70	415176	47.542	ng	#	79
20) 3+4-Methylphenols	7.240	107	539374	46.687	ng	#	67
22) Acetophenone	7.245	105	771351	42.588	ng	#	86
24) Nitrobenzene	7.416	77	625322	47.480	ng	#	85
25) Isophorone	7.657	82	1053200	43.991	ng	#	88
26) 2-Nitrophenol	7.734	139	265690	56.154	ng	#	71
27) 2,4-Dimethylphenol	7.769	122	427917	49.024	ng	#	78
28) bis(2-Chloroethoxy)met...	7.869	93	607243	43.013	ng	#	97
29) 2,4-Dichlorophenol	7.975	162	445409	45.207	ng		96
30) 1,2,4-Trichlorobenzene	8.057	180	538618	44.834	ng		97
31) Naphthalene	8.139	128	1478867	45.530	ng		99
32) Benzoic acid	7.892	122	239040	44.882	ng	#	70
33) 4-Chloroaniline	8.187	127	308823	23.789	ng	#	90
34) Hexachlorobutadiene	8.257	225	375475	45.403	ng		98
35) Caprolactam	8.563	113	191831m	69.917	ng		
36) 4-Chloro-3-methylphenol	8.669	107	691089	60.827	ng		88
37) 2-Methylnaphthalene	8.834	142	1463359	65.231	ng		99
38) 1-Methylnaphthalene	8.928	142	1345433	61.916	ng		97
40) 1,2,4,5-Tetrachloroben...	8.998	216	737945	44.426	ng		98
41) Hexachlorocyclopentadiene	8.986	237	827229	95.849	ng		98
43) 2,4,6-Trichlorophenol	9.110	196	477293	47.451	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	489695	45.064	ng	#	95
46) 1,1'-Biphenyl	9.298	154	1686160	44.013	ng		98
47) 2-Chloronaphthalene	9.322	162	1368633	45.387	ng		98
48) 2-Nitroaniline	9.416	65	453206	46.072	ng	#	84
49) Acenaphthylene	9.733	152	2047140	44.891	ng		97
50) Dimethylphthalate	9.598	163	1545038	42.816	ng		97
51) 2,6-Dinitrotoluene	9.657	165	335989	54.321	ng	#	83
52) Acenaphthene	9.910	154	1257414	43.716	ng		97
53) 3-Nitroaniline	9.822	138	219870	34.675	ng	#	71
54) 2,4-Dinitrophenol	9.933	184	263535	80.546	ng	#	87
55) Dibenzofuran	10.081	168	1779812	41.105	ng		100
56) 4-Nitrophenol	9.986	139	417891	83.506	ng	#	66
57) 2,4-Dinitrotoluene	10.063	165	424253	47.641	ng	#	97
58) Fluorene	10.422	166	1374670	39.546	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	378364	41.118	ng	#	85
60) Diethylphthalate	10.298	149	1424216	39.357	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	726151	39.060	ng	#	86
62) 4-Nitroaniline	10.439	138	271312	41.025	ng		94
63) Azobenzene	10.575	77	1486923	37.841	ng		91
65) 4,6-Dinitro-2-methylph...	10.469	198	188174	51.307	ng		91
66) n-Nitrosodiphenylamine	10.533	169	1185372	49.527	ng		97
67) 4-Bromophenyl-phenylether	10.904	248	434246	47.702	ng		95
68) Hexachlorobenzene	10.969	284	459082	48.276	ng		91
69) Atrazine	11.063	200	395528	46.721	ng		90
70) Pentachlorophenol	11.163	266	418671	81.704	ng		94
71) Phenanthrene	11.380	178	1799458	44.150	ng		97
72) Anthracene	11.433	178	1804017	44.334	ng		98
73) Carbazole	11.586	167	1434951	38.022	ng		99
74) Di-n-butylphthalate	11.922	149	1736694	39.493	ng		99
75) Fluoranthene	12.569	202	1698411	37.421	ng		97
77) Benzidine	12.692	184	790943	44.433	ng		98
78) Pyrene	12.798	202	1712324	40.098	ng		96
80) Butylbenzylphthalate	13.421	149	647625	41.635	ng	#	93
81) Benzo(a)anthracene	13.986	228	1564367	42.764	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	369843	34.646	ng	#	97
83) Chrysene	14.027	228	1590446	46.726	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	876807	40.671	ng		100
85) Di-n-octyl phthalate	14.592	149	1653174	53.973	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	1667553	45.252	ng	#	88
88) Benzo(b)fluoranthene	15.039	252	1783325	44.037	ng	#	94
89) Benzo(k)fluoranthene	15.068	252	1634958	41.620	ng		99
90) Benzo(a)pyrene	15.404	252	1722281	53.983	ng	#	95
91) Dibenzo(a,h)anthracene	16.933	278	1412670	46.674	ng	#	93
92) Benzo(g,h,i)perylene	17.357	276	1273209	43.862	ng	#	87

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

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