Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125972.D
Acq On : 27 Oct 2021 19:49
Operator : JU/CG
Sample : M4372-13MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Manual Integrations APPROVED
mohammad
10/29/2021 2:22:45 PM

Quant Time: Oct 28 09:00:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	177773	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	604777	20.000	ng		#-0.01
39) Acenaphthene-d10	9.910	164	296900	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	524188	20.000	ng		# 0.00
76) Chrysene-d12	14.021	240	361257	20.000	ng		-0.01
86) Perylene-d12	15.486	264	425411	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1320504	110.642	ng		0.00
7) Phenol-d6	6.487	99	1701662	103.952	ng		0.00
23) Nitrobenzene-d5	7.422	82	1091090	93.189	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	320625	123.879	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1501376	89.427	ng		0.00
79) Terphenyl-d14	12.968	244	1344948	60.898	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	244103	41.858	ng	#	100
3) Pyridine	3.416	79	569813	36.902	ng		89
4) n-Nitrosodimethylamine	3.351	42	405268	40.920	ng	#	59
6) Aniline	6.522	93	597076	30.966	ng	#	94
8) 2-Chlorophenol	6.645	128	606755	50.368	ng	#	79
9) Benzaldehyde	6.410	77	482000	49.208	ng		93
10) Phenol	6.504	94	792543m	50.213	ng		
11) bis(2-Chloroethyl)ether	6.598	93	646352	50.851	ng		88
12) 1,3-Dichlorobenzene	6.804	146	617919	46.435	ng		98
13) 1,4-Dichlorobenzene	6.881	146	596558	44.814	ng		96
14) 1,2-Dichlorobenzene	7.034	146	598494	46.382	ng		97
15) Benzyl Alcohol	6.998	79	596596	48.142	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1277247	41.031	ng		95
17) 2-Methylphenol	7.110	107	517950	49.778	ng		93
18) Hexachloroethane	7.375	117	262759	52.062	ng		91
19) n-Nitroso-di-n-propyla...	7.281	70	494015	52.822	ng	#	81
20) 3+4-Methylphenols	7.263	107	583433	43.864	ng	#	85
22) Acetophenone	7.275	105	866144	55.471	ng	#	92
24) Nitrobenzene	7.445	77	692432	57.279	ng		88
25) Isophorone	7.686	82	1323813	59.372	ng	#	85
26) 2-Nitrophenol	7.757	139	274103	69.932	ng	#	58
27) 2,4-Dimethylphenol	7.798	122	519013	59.633	ng		85
28) bis(2-Chloroethoxy)met...	7.892	93	752534	53.796	ng		93
29) 2,4-Dichlorophenol	7.998	162	471917	55.314	ng		90
30) 1,2,4-Trichlorobenzene	8.086	180	491814	49.149	ng		98
31) Naphthalene	8.169	128	1846275	60.039	ng		100
32) Benzoic acid	7.916	122	261250	41.724	ng	#	34
33) 4-Chloroaniline	8.210	127	199865	15.772	ng	#	79
34) Hexachlorobutadiene	8.292	225	315339	50.142	ng		99
35) Caprolactam	8.581	113	184321	65.995	ng	#	1
36) 4-Chloro-3-methylphenol	8.698	107	539967	54.079	ng	#	84
37) 2-Methylnaphthalene	8.863	142	1601187	80.893	ng		93
38) 1-Methylnaphthalene	8.963	142	1250366	65.450	ng		89
40) 1,2,4,5-Tetrachloroben...	9.033	216	422909	51.708	ng	#	95
41) Hexachlorocyclopentadiene	9.022	237	386994	87.607	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	279599	50.090	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	261098	44.336	ng	#	73
46) 1,1'-Biphenyl	9.328	154	1064351	48.944	ng		98
47) 2-Chloronaphthalene	9.351	162	768400	46.866	ng		91
48) 2-Nitroaniline	9.439	65	363384	62.051	ng	#	63
49) Acenaphthylene	9.769	152	1207904	48.771	ng	#	93
50) Dimethylphthalate	9.627	163	783325	42.592	ng	#	86
51) 2,6-Dinitrotoluene	9.686	165	189840	52.333	ng	#	47
52) Acenaphthene	9.945	154	800791	49.753	ng		95
53) 3-Nitroaniline	9.851	138	165763	39.861	ng	#	62
54) 2,4-Dinitrophenol	9.957	184	54152	39.543	ng	#	57
55) Dibenzofuran	10.116	168	1115014m	46.381	ng		
56) 4-Nitrophenol	10.010	139	314924	97.454	ng	#	45
57) 2,4-Dinitrotoluene	10.092	165	276454	62.046	ng	#	86
58) Fluorene	10.457	166	900474	61.069	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.227	232	214898	44.705	ng	#	97
60) Diethylphthalate	10.327	149	876033	46.698	ng		97
61) 4-Chlorophenyl-phenyle...	10.445	204	412709	46.652	ng		95
62) 4-Nitroaniline	10.457	138	142603	37.374	ng		94
63) Azobenzene	10.610	77	1107838	51.202	ng		95
65) 4,6-Dinitro-2-methylph...	10.492	198	61788	29.516	ng	#	44
66) n-Nitrosodiphenylamine	10.563	169	977172	62.238	ng		97
67) 4-Bromophenyl-phenylether	10.933	248	283090	50.555	ng		94
68) Hexachlorobenzene	11.010	284	292581	49.561	ng	#	88
69) Atrazine	11.092	200	276097	55.525	ng		91
70) Pentachlorophenol	11.192	266	282811	84.858	ng		94
71) Phenanthrene	11.416	178	1510219	55.524	ng		95
72) Anthracene	11.469	178	1331057	49.013	ng		98
73) Carbazole	11.616	167	1127427	43.672	ng		99
74) Di-n-butylphthalate	11.951	149	1524240	55.419	ng		99
75) Fluoranthene	12.616	202	1419039	51.753	ng		99
77) Benzidine	12.716	184	393472	34.917	ng		98
78) Pyrene	12.827	202	1447916	43.069	ng		96
80) Butylbenzylphthalate	13.445	149	572580	52.358	ng		88
81) Benzo(a)anthracene	14.010	228	1159421	47.685	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	272952	35.404	ng		99
83) Chrysene	14.045	228	1245597	50.633	ng		98
84) Bis(2-ethylhexyl)phtha...	14.004	149	717031	60.521	ng		98
85) Di-n-octyl phthalate	14.621	149	1506135	82.058	ng		96
87) Indeno(1,2,3-cd)pyrene	16.945	276	1270217	41.446	ng		93
88) Benzo(b)fluoranthene	15.057	252	1458068	51.926	ng	#	97
89) Benzo(k)fluoranthene	15.092	252	1209664	44.849	ng		98
90) Benzo(a)pyrene	15.427	252	1318908	58.182	ng		96
91) Dibenzo(a,h)anthracene	16.968	278	1051303	42.344	ng		95
92) Benzo(g,h,i)perylene	17.386	276	977028	37.665	ng		92

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

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