Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125166.D
Acq On : 23 Aug 2021 21:17
Operator : JU/CG
Sample : M3467-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)MSD

Manual Integrations APPROVED
mohammad
8/24/2021 11:19:56 AM

Quant Time: Aug 24 04:48:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	150468	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	592934	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	321497	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	584262	20.000	ng		0.00
76) Chrysene-d12	14.092	240	349249	20.000	ng	#	0.00
86) Perylene-d12	15.592	264	368475	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	871718	87.689	ng		0.00
7) Phenol-d6	6.545	99	1115788	86.785	ng		0.00
23) Nitrobenzene-d5	7.486	82	750952	63.761	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	345689	107.716	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	1238665	53.698	ng		0.00
79) Terphenyl-d14	13.033	244	1144520	52.207	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	182721	37.249	ng	#	100
3) Pyridine	3.534	79	419206	32.372	ng		90
4) n-Nitrosodimethylamine	3.498	42	274399	42.345	ng	#	45
6) Aniline	6.586	93	622789	41.238	ng	#	95
8) 2-Chlorophenol	6.704	128	446899	44.067	ng	#	79
9) Benzaldehyde	6.475	77	325548	36.080	ng		94
10) Phenol	6.557	94	574769	42.689	ng		94
11) bis(2-Chloroethyl)ether	6.657	93	449329	42.374	ng		85
12) 1,3-Dichlorobenzene	6.863	146	488063	41.531	ng		97
13) 1,4-Dichlorobenzene	6.939	146	498379	42.562	ng		97
14) 1,2-Dichlorobenzene	7.092	146	476900	43.290	ng		99
15) Benzyl Alcohol	7.063	79	442280	44.679	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	900770	42.358	ng		99
17) 2-Methylphenol	7.169	107	378163	44.391	ng		95
18) Hexachloroethane	7.433	117	179622	43.806	ng		90
19) n-Nitroso-di-n-propyla...	7.333	70	332962	43.056	ng	#	81
20) 3+4-Methylphenols	7.322	107	456316	42.672	ng		90
22) Acetophenone	7.333	105	626387	41.048	ng	#	94
24) Nitrobenzene	7.504	77	523426	40.786	ng	#	88
25) Isophorone	7.745	82	925978	40.755	ng	#	90
26) 2-Nitrophenol	7.822	139	244454	47.704	ng	#	82
27) 2,4-Dimethylphenol	7.851	122	419015	46.707	ng		86
28) bis(2-Chloroethoxy)met...	7.951	93	557335	44.303	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	394306	43.098	ng		93
30) 1,2,4-Trichlorobenzene	8.145	180	411263	41.222	ng		94
31) Naphthalene	8.228	128	1219319	40.154	ng		99
32) Benzoic acid	7.975	122	309637	50.853	ng	#	84
33) 4-Chloroaniline	8.275	127	364273	30.429	ng	#	93
34) Hexachlorobutadiene	8.345	225	262284	41.230	ng		98
35) Caprolactam	8.651	113	133905m	56.506	ng		
36) 4-Chloro-3-methylphenol	8.751	107	439235	47.027	ng		89
37) 2-Methylnaphthalene	8.922	142	855350	42.626	ng		99
38) 1-Methylnaphthalene	9.022	142	796396	42.501	ng		96
40) 1,2,4,5-Tetrachloroben...	9.086	216	418950	39.885	ng		99
41) Hexachlorocyclopentadiene	9.075	237	491619	89.085	ng		98
43) 2,4,6-Trichlorophenol	9.192	196	313848	42.435	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	329916	42.400	ng		94
46) 1,1'-Biphenyl	9.380	154	1005276	38.785	ng		98
47) 2-Chloronaphthalene	9.410	162	835295	39.657	ng		97
48) 2-Nitroaniline	9.504	65	315133	48.266	ng		84
49) Acenaphthylene	9.827	152	1282905	41.798	ng		98
50) Dimethylphthalate	9.686	163	995504	44.683	ng	#	98
51) 2,6-Dinitrotoluene	9.745	165	223582	46.281	ng	#	82
52) Acenaphthene	9.998	154	883531	46.435	ng		98
53) 3-Nitroaniline	9.916	138	178588	34.279	ng	#	82
54) 2,4-Dinitrophenol	10.022	184	226839	118.873	ng	#	86
55) Dibenzofuran	10.169	168	1113039	40.647	ng		98
56) 4-Nitrophenol	10.074	139	374623	90.805	ng	#	83
57) 2,4-Dinitrotoluene	10.151	165	297905	50.951	ng	#	96
58) Fluorene	10.516	166	858403	42.401	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	261418	45.272	ng	#	88
60) Diethylphthalate	10.380	149	984674	45.335	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	440026	42.989	ng		87
62) 4-Nitroaniline	10.533	138	233159	49.769	ng	#	85
63) Azobenzene	10.663	77	1011770	41.530	ng		92
65) 4,6-Dinitro-2-methylph...	10.557	198	150781	48.760	ng		85
66) n-Nitrosodiphenylamine	10.622	169	846877	40.481	ng		96
67) 4-Bromophenyl-phenylether	10.992	248	303684	43.285	ng		96
68) Hexachlorobenzene	11.057	284	320419	44.394	ng	#	90
69) Atrazine	11.151	200	278611	46.411	ng		89
70) Pentachlorophenol	11.251	266	355813	84.430	ng		91
71) Phenanthrene	11.474	178	1323165	41.101	ng		97
72) Anthracene	11.527	178	1337555	42.152	ng		97
73) Carbazole	11.680	167	1136729	39.202	ng		100
74) Di-n-butylphthalate	12.010	149	1456623	42.331	ng		100
75) Fluoranthene	12.668	202	1351998	42.325	ng		97
77) Benzidine	12.786	184	635928	52.136	ng		98
78) Pyrene	12.898	202	1344492	44.878	ng		97
80) Butylbenzylphthalate	13.510	149	510277	43.347	ng		93
81) Benzo(a)anthracene	14.080	228	1045836	41.561	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	325995	41.793	ng	#	95
83) Chrysene	14.121	228	1067439	42.894	ng		97
84) Bis(2-ethylhexyl)phtha...	14.062	149	671094	41.478	ng		100
85) Di-n-octyl phthalate	14.686	149	1128847	41.950	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	1167563	43.983	ng	#	89
88) Benzo(b)fluoranthene	15.151	252	1250195	46.441	ng	#	94
89) Benzo(k)fluoranthene	15.186	252	986647m	39.277	ng		
90) Benzo(a)pyrene	15.533	252	1084235m	45.596	ng		
91) Dibenzo(a,h)anthracene	17.139	278	938179	40.886	ng	#	94
92) Benzo(g,h,i)perylene	17.580	276	954352	43.135	ng	#	88

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

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