Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
Data File : BF126385.D
Acq On : 28 Dec 2021 17:09
Operator : JU/CG
Sample : M5239-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-10-37MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/30/2021

Quant Time: Dec 29 08:23:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	132715	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	569755	20.000	ng		#-0.01
39) Acenaphthene-d10	9.851	164	217724	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	300301	20.000	ng		# 0.00
76) Chrysene-d12	13.974	240	214779	20.000	ng		# 0.00
86) Perylene-d12	15.421	264	202380	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1063310	117.988	ng		0.00
7) Phenol-d6	6.445	99	1352959	118.235	ng		0.00
23) Nitrobenzene-d5	7.375	82	895856	85.157	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	210755	120.450	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	1172519	94.453	ng		0.00
79) Terphenyl-d14	12.922	244	716580	57.990	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	224597	51.056	ng	#	100
3) Pyridine	3.334	79	493348	42.230	ng	#	80
4) n-Nitrosodimethylamine	3.281	42	251245	55.958	ng	#	1
6) Aniline	6.469	93	500461	34.431	ng		98
8) 2-Chlorophenol	6.593	128	408346	44.682	ng		88
9) Benzaldehyde	6.357	77	316498	45.835	ng		95
10) Phenol	6.457	94	609174	47.426	ng		97
11) bis(2-Chloroethyl)ether	6.545	93	409830	41.105	ng		96
12) 1,3-Dichlorobenzene	6.751	146	442307	47.979	ng		96
13) 1,4-Dichlorobenzene	6.828	146	441170	47.389	ng		95
14) 1,2-Dichlorobenzene	6.981	146	424867	49.360	ng		95
15) Benzyl Alcohol	6.957	79	413403	49.488	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.093	45	773785	47.425	ng		94
17) 2-Methylphenol	7.069	107	373567	46.661	ng		97
18) Hexachloroethane	7.328	117	175267	47.863	ng		96
19) n-Nitroso-di-n-propyla...	7.228	70	290453	41.347	ng	#	74
20) 3+4-Methylphenols	7.222	107	393618	41.588	ng	#	76
22) Acetophenone	7.222	105	565749	43.145	ng	#	92
24) Nitrobenzene	7.392	77	509096	48.477	ng		91
25) Isophorone	7.634	82	949789	47.810	ng	#	88
26) 2-Nitrophenol	7.710	139	241540	51.020	ng	#	84
27) 2,4-Dimethylphenol	7.751	122	419155	52.135	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	591960	45.322	ng	#	97
29) 2,4-Dichlorophenol	7.951	162	339626	47.523	ng		93
30) 1,2,4-Trichlorobenzene	8.034	180	348496	47.144	ng		99
31) Naphthalene	8.116	128	1258550	47.234	ng		99
32) Benzoic acid	7.881	122	239207	34.536	ng		96
33) 4-Chloroaniline	8.163	127	176230	15.840	ng		97
34) Hexachlorobutadiene	8.239	225	168576	46.433	ng		99
35) Caprolactam	8.539	113	127330m	71.691	ng		
36) 4-Chloro-3-methylphenol	8.651	107	416546	49.412	ng		91
37) 2-Methylnaphthalene	8.810	142	813812	49.596	ng		99
38) 1-Methylnaphthalene	8.910	142	748927	47.031	ng		96
40) 1,2,4,5-Tetrachloroben...	8.975	216	284543	60.553	ng	#	96
41) Hexachlorocyclopentadiene	8.963	237	243368	90.441	ng		97
43) 2,4,6-Trichlorophenol	9.086	196	203076	54.937	ng		94

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44) 2,4,5-Trichlorophenol	9.128	196	216007	56.428	ng		95
46) 1,1'-Biphenyl	9.275	154	966276	60.022	ng		95
47) 2-Chloronaphthalene	9.298	162	691767	57.112	ng		98
48) 2-Nitroaniline	9.392	65	251784	56.952	ng		90
49) Acenaphthylene	9.710	152	1016558	54.925	ng		98
50) Dimethylphthalate	9.575	163	731889	53.067	ng		97
51) 2,6-Dinitrotoluene	9.634	165	167768	56.201	ng	#	81
52) Acenaphthene	9.886	154	590836m	49.226	ng		
53) 3-Nitroaniline	9.798	138	100858	26.582	ng	#	74
54) 2,4-Dinitrophenol	9.910	184	94871	77.185	ng	#	82
55) Dibenzofuran	10.057	168	744890	45.583	ng		100
56) 4-Nitrophenol	9.969	139	225448	82.260	ng		83
57) 2,4-Dinitrotoluene	10.039	165	181578	47.684	ng	#	95
58) Fluorene	10.398	166	531364	44.915	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	125284	44.140	ng	#	99
60) Diethylphthalate	10.275	149	635342	45.840	ng		97
61) 4-Chlorophenyl-phenyle...	10.392	204	234175	43.963	ng		99
62) 4-Nitroaniline	10.416	138	138826	43.617	ng	#	75
63) Azobenzene	10.551	77	699053	41.641	ng		85
65) 4,6-Dinitro-2-methylph...	10.445	198	66731	40.694	ng		94
66) n-Nitrosodiphenylamine	10.510	169	491356	50.983	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	146085	51.833	ng		93
68) Hexachlorobenzene	10.951	284	171660	52.958	ng	#	79
69) Atrazine	11.039	200	142967	80.947	ng		96
70) Pentachlorophenol	11.139	266	156461	87.006	ng		91
71) Phenanthrene	11.363	178	744708	48.047	ng		100
72) Anthracene	11.410	178	774705	49.798	ng		99
73) Carbazole	11.563	167	675765	46.125	ng		98
74) Di-n-butylphthalate	11.898	149	860844	46.350	ng		100
75) Fluoranthene	12.545	202	662954	47.474	ng		93
77) Benzidine	12.669	184	336711	99.439	ng		98
78) Pyrene	12.774	202	676455	34.282	ng		96
80) Butylbenzylphthalate	13.398	149	334879	36.065	ng	#	86
81) Benzo(a)anthracene	13.969	228	551966	43.386	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	146668	25.234	ng		97
83) Chrysene	14.004	228	602136	45.553	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	464848	44.799	ng		99
85) Di-n-octyl phthalate	14.574	149	955660	51.665	ng		98
87) Indeno(1,2,3-cd)pyrene	16.851	276	518667	38.423	ng		94
88) Benzo(b)fluoranthene	15.004	252	613724	50.470	ng		98
89) Benzo(k)fluoranthene	15.033	252	605895	52.086	ng	#	96
90) Benzo(a)pyrene	15.363	252	578184	57.209	ng	#	96
91) Dibenzo(a,h)anthracene	16.868	278	444271	40.486	ng		95
92) Benzo(g,h,i)perylene	17.286	276	420220	37.012	ng		96

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

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