Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
Data File : BF124793.D
Acq On : 27 Jul 2021 14:21
Operator : JU/CG
Sample : M3175-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-025-ABCDMS

Manual Integrations APPROVED
mohammad
7/28/2021 11:32:30 AM

Quant Time: Jul 27 16:44:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	5926	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	23326	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	13953	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	26648	20.000	ng		0.00
76) Chrysene-d12	14.045	240	15969	20.000	ng	#	0.00
86) Perylene-d12	15.515	264	13454	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	36506	104.304	ng		0.02
7) Phenol-d6	6.504	99	45326	103.301	ng		0.00
23) Nitrobenzene-d5	7.439	82	30508	77.843	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	13893	115.968	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	67298	70.841	ng		0.00
79) Terphenyl-d14	12.986	244	78639	84.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	5482	44.809	ng	#	100
3) Pyridine	3.451	79	11913	41.134	ng		92
4) n-Nitrosodimethylamine	3.410	42	11082	48.386	ng	#	96
6) Aniline	6.539	93	22281	49.411	ng		95
8) 2-Chlorophenol	6.657	128	19221	48.690	ng		92
9) Benzaldehyde	6.422	77	11333	47.973	ng		96
10) Phenol	6.516	94	22622	53.839	ng		92
11) bis(2-Chloroethyl)ether	6.610	93	17529	52.615	ng		95
12) 1,3-Dichlorobenzene	6.816	146	20177	47.027	ng		91
13) 1,4-Dichlorobenzene	6.892	146	21455	49.985	ng		94
14) 1,2-Dichlorobenzene	7.045	146	20446	49.301	ng		98
15) Benzyl Alcohol	7.016	79	15106	52.354	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	28897	51.534	ng		97
17) 2-Methylphenol	7.128	107	14694	51.094	ng		98
18) Hexachloroethane	7.386	117	8550	52.554	ng		91
19) n-Nitroso-di-n-propyla...	7.287	70	13664	58.319	ng		94
20) 3+4-Methylphenols	7.281	107	19586	51.547	ng	#	85
22) Acetophenone	7.287	105	27340	50.578	ng		96
24) Nitrobenzene	7.457	77	19034	49.537	ng		97
25) Isophorone	7.698	82	34789	50.201	ng		93
26) 2-Nitrophenol	7.775	139	11079	52.059	ng	#	92
27) 2,4-Dimethylphenol	7.810	122	16868	51.510	ng		88
28) bis(2-Chloroethoxy)met...	7.904	93	23033	57.195	ng	#	95
29) 2,4-Dichlorophenol	8.016	162	16937	48.836	ng		97
30) 1,2,4-Trichlorobenzene	8.098	180	18575	48.867	ng		99
31) Naphthalene	8.181	128	57063	46.876	ng		99
32) Benzoic acid	7.904	122	4549	17.947	ng		93
33) 4-Chloroaniline	8.222	127	11622	25.389	ng	#	92
34) Hexachlorobutadiene	8.292	225	11465	50.458	ng		100
35) Caprolactam	8.604	113	5504m	61.060	ng		
36) 4-Chloro-3-methylphenol	8.710	107	19193	58.020	ng		98
37) 2-Methylnaphthalene	8.869	142	40040	49.228	ng		98
38) 1-Methylnaphthalene	8.969	142	36666	47.585	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	18472	47.448	ng		98
41) Hexachlorocyclopentadiene	9.022	237	26808	116.390	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	13239	47.904	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	14348	50.562	ng		97
46) 1,1'-Biphenyl	9.333	154	47523	45.629	ng		97
47) 2-Chloronaphthalene	9.363	162	38454	46.639	ng		99
48) 2-Nitroaniline	9.457	65	11957	55.385	ng		94
49) Acenaphthylene	9.780	152	62044	48.796	ng		100
50) Dimethylphthalate	9.639	163	49797	51.831	ng	#	97
51) 2,6-Dinitrotoluene	9.698	165	10452	49.243	ng	#	85
52) Acenaphthene	9.951	154	37914	44.981	ng		99
53) 3-Nitroaniline	9.869	138	7543	33.779	ng		83
54) 2,4-Dinitrophenol	9.975	184	9328	76.001	ng		92
55) Dibenzofuran	10.122	168	57220	47.507	ng		98
56) 4-Nitrophenol	10.033	139	17094	96.939	ng		90
57) 2,4-Dinitrotoluene	10.104	165	14866	51.612	ng	#	96
58) Fluorene	10.463	166	44867	48.559	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	11168	49.833	ng	#	94
60) Diethylphthalate	10.339	149	52748	52.797	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	22178	49.653	ng		92
62) 4-Nitroaniline	10.486	138	10615	48.042	ng		93
63) Azobenzene	10.616	77	45523	51.505	ng		94
65) 4,6-Dinitro-2-methylph...	10.516	198	6867	39.791	ng		83
66) n-Nitrosodiphenylamine	10.575	169	40068	46.399	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	14097	49.880	ng		89
68) Hexachlorobenzene	11.010	284	14428	49.156	ng		95
69) Atrazine	11.104	200	14087	53.654	ng		94
70) Pentachlorophenol	11.204	266	14979	82.070	ng		94
71) Phenanthrene	11.427	178	66915	46.688	ng		97
72) Anthracene	11.480	178	69141	48.255	ng		99
73) Carbazole	11.633	167	59401	44.227	ng		100
74) Di-n-butylphthalate	11.963	149	94331	52.730	ng		99
75) Fluoranthene	12.616	202	66905	45.744	ng		98
77) Benzidine	12.733	184	35341	78.481	ng		96
78) Pyrene	12.845	202	66277	52.425	ng		99
80) Butylbenzylphthalate	13.457	149	33778	55.784	ng		91
81) Benzo(a)anthracene	14.033	228	49987	47.888	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	10425	35.987	ng		97
83) Chrysene	14.068	228	48976	48.701	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	53438	59.915	ng		99
85) Di-n-octyl phthalate	14.627	149	82635	57.095	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	47237	60.815	ng		95
88) Benzo(b)fluoranthene	15.086	252	45003	47.509	ng		98
89) Benzo(k)fluoranthene	15.115	252	42948	49.621	ng	#	96
90) Benzo(a)pyrene	15.457	252	42318	53.479	ng		97
91) Dibenzo(a,h)anthracene	17.027	278	40672	59.814	ng		95
92) Benzo(g,h,i)perylene	17.462	276	38834	60.226	ng	#	88

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

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