Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
Data File : BF123345.D
Acq On : 2 Mar 2021 19:57
Operator : JU/CG
Sample : M1521-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OB-722MSD

Manual Integrations APPROVED
mohammad
3/3/2021 11:01:43 AM

Quant Time: Mar 02 23:52:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	152624	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	613225	20.00	ng		# 0.00
39) Acenaphthene-d10	9.898	164	318915	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	579813	20.00	ng		0.00
76) Chrysene-d12	14.045	240	347426	20.00	ng		0.00
86) Perylene-d12	15.515	264	301332	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	431807	40.72	ng		0.00
7) Phenol-d6	6.487	99	344542	23.92	ng		0.00
23) Nitrobenzene-d5	7.422	82	1304514	97.38	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	271271	83.54	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	2037416	91.77	ng		0.00
79) Terphenyl-d14	12.986	244	2227775	123.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	81601	13.34	ng	#	88
3) Pyridine	3.399	79	219964	14.75	ng		93
4) n-Nitrosodimethylamine	3.334	42	118817	17.23	ng		81
6) Aniline	6.516	93	200007	11.75	ng	#	86
8) 2-Chlorophenol	6.640	128	437884	38.44	ng		91
9) Benzaldehyde	6.398	77	185840	21.65	ng		86
10) Phenol	6.504	94	272761	17.37	ng		97
11) bis(2-Chloroethyl)ether	6.587	93	492425	43.73	ng		95
12) 1,3-Dichlorobenzene	6.793	146	480396	40.54	ng	#	92
13) 1,4-Dichlorobenzene	6.869	146	487026	40.33	ng	#	94
14) 1,2-Dichlorobenzene	7.028	146	456341	40.62	ng		95
15) Benzyl Alcohol	6.998	79	349833	31.15	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.134	45	666937	43.18	ng		95
17) 2-Methylphenol	7.116	107	306094	31.95	ng	#	88
18) Hexachloroethane	7.363	117	192617	44.16	ng		90
19) n-Nitroso-di-n-propyla...	7.275	70	400203	46.70	ng		94
20) 3+4-Methylphenols	7.269	107	339019	26.94	ng	#	72
22) Acetophenone	7.263	105	710502	44.67	ng	#	92
24) Nitrobenzene	7.440	77	624617	44.22	ng		90
25) Isophorone	7.681	82	1079172	43.08	ng		97
26) 2-Nitrophenol	7.757	139	260465	44.02	ng		91
27) 2,4-Dimethylphenol	7.798	122	384140	41.94	ng		94
28) bis(2-Chloroethoxy)met...	7.887	93	636796	48.57	ng		98
29) 2,4-Dichlorophenol	8.004	162	399771	42.28	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	424250	41.26	ng		98
31) Naphthalene	8.163	128	1373184	40.86	ng		99
32) Benzoic acid	7.916	122	108188	16.01	ng		90
33) 4-Chloroaniline	8.210	127	83302	6.09	ng	#	91
34) Hexachlorobutadiene	8.275	225	235108	40.54	ng		98
35) Caprolactam	8.610	113	24731	7.79	ng	#	75
36) 4-Chloro-3-methylphenol	8.698	107	468352	41.66	ng		91
37) 2-Methylnaphthalene	8.851	142	947346	42.32	ng		99
38) 1-Methylnaphthalene	8.951	142	880281	42.04	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	408263	42.84	ng	#	96
41) Hexachlorocyclopentadiene	9.010	237	322286	72.19	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	283894	42.01	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	310151	42.88	ng	#	90
46) 1,1'-Biphenyl	9.322	154	1160206	43.85	ng		98
47) 2-Chloronaphthalene	9.345	162	871198	41.74	ng		97
48) 2-Nitroaniline	9.445	65	335144	44.81	ng	#	77
49) Acenaphthylene	9.763	152	1299169	41.03	ng		99
50) Dimethylphthalate	9.628	163	1147265	48.11	ng		100
51) 2,6-Dinitrotoluene	9.686	165	237524	43.21	ng	#	68
52) Acenaphthene	9.933	154	1013811m	46.44	ng		
53) 3-Nitroaniline	9.857	138	86588	14.19	ng	#	84
54) 2,4-Dinitrophenol	9.969	184	231483	80.18	ng	#	81
55) Dibenzofuran	10.104	168	1213604	41.06	ng		94
56) 4-Nitrophenol	10.033	139	149209	30.69	ng	#	67
57) 2,4-Dinitrotoluene	10.092	165	323931	43.83	ng	#	79
58) Fluorene	10.451	166	981436	42.19	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	255387	44.26	ng	#	84
60) Diethylphthalate	10.322	149	1086338	46.00	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	481876	43.52	ng		94
62) 4-Nitroaniline	10.475	138	161547	26.31	ng		88
63) Azobenzene	10.604	77	1163246	42.75	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	161574	41.40	ng		85
66) n-Nitrosodiphenylamine	10.563	169	859954	42.89	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	286342	45.30	ng		95
68) Hexachlorobenzene	11.004	284	292905	43.99	ng		95
69) Atrazine	11.098	200	256969	40.56	ng		96
70) Pentachlorophenol	11.204	266	354856	84.40	ng		99
71) Phenanthrene	11.416	178	1440344	42.01	ng		100
72) Anthracene	11.469	178	1462823	42.76	ng		100
73) Carbazole	11.628	167	1273548	39.53	ng		99
74) Di-n-butylphthalate	11.951	149	1818135	50.47	ng		99
75) Fluoranthene	12.610	202	1433375	39.44	ng		100
78) Pyrene	12.839	202	1410248	51.99	ng		99
80) Butylbenzylphthalate	13.457	149	676763	59.02	ng		90
81) Benzo(a)anthracene	14.033	228	1004366	42.54	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	51577	6.57	ng	#	95
83) Chrysene	14.074	228	986754	42.55	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	959239	60.77	ng		99
85) Di-n-octyl phthalate	14.633	149	1390841	51.57	ng		96
87) Indeno(1,2,3-cd)pyrene	17.015	276	1020631	49.01	ng		97
88) Benzo(b)fluoranthene	15.092	252	929409	43.92	ng		99
89) Benzo(k)fluoranthene	15.121	252	860401	44.84	ng		99
90) Benzo(a)pyrene	15.457	252	794158	42.08	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	848111	47.47	ng		99
92) Benzo(g,h,i)perylene	17.468	276	846117	51.42	ng		98

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

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