Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022421\
Data File : BF123294.D
Acq On : 24 Feb 2021 15:18
Operator : JU/CG
Sample : PB134795BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134795BSD

Manual Integrations APPROVED
mohammad
2/25/2021 1:11:03 PM

Quant Time: Feb 24 15:42:52 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	6.857	152	106753	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	436175	20.00	ng		# 0.00
39) Acenaphthene-d10	9.898	164	223530	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	425547	20.00	ng		0.00
76) Chrysene-d12	14.045	240	358025	20.00	ng		0.00
86) Perylene-d12	15.515	264	292642	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	899418	121.27	ng		0.02
7) Phenol-d6	6.498	99	1192220	118.33	ng		0.00
23) Nitrobenzene-d5	7.422	82	684367	71.82	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	286495	125.87	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1100452	70.72	ng		0.00
79) Terphenyl-d14	12.980	244	1195952	64.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	158280	36.98	ng	#	91
3) Pyridine	3.446	79	424927	40.75	ng		93
4) n-Nitrosodimethylamine	3.404	42	210317	43.61	ng		84
6) Aniline	6.522	93	417275	35.06	ng		93
8) 2-Chlorophenol	6.645	128	395593	49.65	ng		92
9) Benzaldehyde	6.404	77	148225	25.67	ng		89
10) Phenol	6.510	94	528149	48.10	ng		94
11) bis(2-Chloroethyl)ether	6.593	93	386307	49.05	ng		95
12) 1,3-Dichlorobenzene	6.798	146	410488	49.53	ng	#	94
13) 1,4-Dichlorobenzene	6.875	146	410695	48.62	ng	#	95
14) 1,2-Dichlorobenzene	7.028	146	395930	50.39	ng		95
15) Benzyl Alcohol	7.004	79	378857	48.23	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.134	45	508458	47.07	ng		98
17) 2-Methylphenol	7.116	107	336161	50.16	ng		94
18) Hexachloroethane	7.369	117	160238	52.52	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	295858	49.36	ng		97
20) 3+4-Methylphenols	7.269	107	411091	46.71	ng		89
22) Acetophenone	7.269	105	563657	49.82	ng	#	91
24) Nitrobenzene	7.440	77	476299	47.41	ng		89
25) Isophorone	7.681	82	817255	45.87	ng		97
26) 2-Nitrophenol	7.757	139	207791	49.37	ng	#	87
27) 2,4-Dimethylphenol	7.798	122	328396	50.41	ng		93
28) bis(2-Chloroethoxy)met...	7.887	93	482319	51.72	ng		99
29) 2,4-Dichlorophenol	8.004	162	317858	47.26	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	347388	47.50	ng		99
31) Naphthalene	8.163	128	1119361	46.83	ng		100
32) Benzoic acid	7.934	122	223675	46.55	ng	#	87
33) 4-Chloroaniline	8.210	127	248870	25.58	ng	#	92
34) Hexachlorobutadiene	8.281	225	193679	46.95	ng		100
35) Caprolactam	8.586	113	108573m	48.11	ng		
36) 4-Chloro-3-methylphenol	8.698	107	390616	48.85	ng		87
37) 2-Methylnaphthalene	8.857	142	758193	47.62	ng		100
38) 1-Methylnaphthalene	8.957	142	702607	47.18	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	334226	50.04	ng	#	97
41) Hexachlorocyclopentadiene	9.010	237	331159	105.82	ng		99
43) 2,4,6-Trichlorophenol	9.134	196	220409	46.53	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.181	196	235264	46.41	ng	#	92
46)	1,1'-Biphenyl	9.322	154	917414	49.47	ng		99
47)	2-Chloronaphthalene	9.345	162	687023	46.96	ng		96
48)	2-Nitroaniline	9.445	65	263596	50.29	ng	#	79
49)	Acenaphthylene	9.763	152	1055237	47.55	ng		99
50)	Dimethylphthalate	9.628	163	823119	49.24	ng		99
51)	2,6-Dinitrotoluene	9.686	165	185952	48.27	ng	#	80
52)	Acenaphthene	9.933	154	820309m	53.61	ng		
53)	3-Nitroaniline	9.857	138	130871	30.61	ng	#	83
54)	2,4-Dinitrophenol	9.963	184	212376	104.95	ng	#	76
55)	Dibenzofuran	10.110	168	957708	46.23	ng		95
56)	4-Nitrophenol	10.028	139	311834	91.52	ng	#	64
57)	2,4-Dinitrotoluene	10.092	165	253297	48.89	ng	#	85
58)	Fluorene	10.451	166	776096	47.60	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.228	232	198846	49.16	ng	#	85
60)	Diethylphthalate	10.328	149	809983	48.93	ng		99
61)	4-Chlorophenyl-phenyle...	10.445	204	369746	47.64	ng		99
62)	4-Nitroaniline	10.475	138	202573	47.07	ng		83
63)	Azobenzene	10.604	77	873214	45.78	ng		96
65)	4,6-Dinitro-2-methylph...	10.504	198	144600	50.48	ng		94
66)	n-Nitrosodiphenylamine	10.563	169	671344	45.62	ng		100
67)	4-Bromophenyl-phenylether	10.933	248	216115	46.58	ng	#	88
68)	Hexachlorobenzene	11.004	284	234257	47.94	ng		95
69)	Atrazine	11.092	200	191873	41.26	ng		98
70)	Pentachlorophenol	11.198	266	295838	95.87	ng		99
71)	Phenanthrene	11.422	178	1176905	46.77	ng		98
72)	Anthracene	11.469	178	1205156	48.00	ng		99
73)	Carbazole	11.627	167	1077704	45.58	ng		100
74)	Di-n-butylphthalate	11.951	149	1230156	46.53	ng		99
75)	Fluoranthene	12.610	202	1278583	47.93	ng		100
77)	Benzidine	12.733	184	407940	35.28	ng		99
78)	Pyrene	12.839	202	1300440	46.52	ng		100
80)	Butylbenzylphthalate	13.457	149	548834	46.45	ng		90
81)	Benzo(a)anthracene	14.033	228	1132380	46.54	ng		98
82)	3,3'-Dichlorobenzidine	13.992	252	317887	39.30	ng	#	97
83)	Chrysene	14.074	228	1106974	46.32	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.016	149	737240	45.32	ng		99
85)	Di-n-octyl phthalate	14.633	149	1238111	44.55	ng		97
87)	Indeno(1,2,3-cd)pyrene	16.998	276	1027244	50.79	ng		98
88)	Benzo(b)fluoranthene	15.086	252	1143849	55.65	ng		98
89)	Benzo(k)fluoranthene	15.121	252	998455	53.58	ng		98
90)	Benzo(a)pyrene	15.457	252	947354	51.69	ng		99
91)	Dibenzo(a,h)anthracene	17.021	278	865032	49.85	ng		99
92)	Benzo(g,h,i)perylene	17.451	276	822178	51.45	ng		99

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

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