Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119276.D
Acq On : 7 Mar 2020 4:58
Operator : CG/JU
Sample : PB127331BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Manual Integrations APPROVED
mohammad
3/9/2020 3:09:43 PM

Quant Time: Mar 09 04:28:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	143032	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	538794	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	263682	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	457192	20.00	ng		0.00
76) Chrysene-d12	13.89	240	391820	20.00	ng		0.00
87) Perylene-d12	15.31	264	199709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	945057	110.42	ng		0.01
7) Phenol-d6	6.39	99	1149064	110.39	ng		0.01
23) Nitrobenzene-d5	7.30	82	739475	72.47	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	363811	105.47	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1401487	78.30	ng		0.00
79) Terphenyl-d14	12.83	244	1411106	62.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	106264	27.886	ng		98
3) Pyridine	3.17	79	274537	26.380	ng		95
4) n-Nitrosodimethylamine	3.10	42	114268	36.246	ng		98
6) Aniline	6.40	93	225642	17.568	ng	#	59
8) 2-Chlorophenol	6.52	128	357264	38.680	ng		99
9) Benzaldehyde	6.32	77	1302	0.187	ng		94
10) Phenol	6.40	94	419121	37.242	ng		80
11) bis(2-Chloroethyl)ether	6.47	93	323329	37.549	ng		99
12) 1,3-Dichlorobenzene	6.67	146	385866	34.855	ng		99
13) 1,4-Dichlorobenzene	6.75	146	394692	35.628	ng		97
14) 1,2-Dichlorobenzene	6.90	146	365989	36.225	ng		99
15) Benzyl Alcohol	6.88	79	290165	38.571	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	261992	35.123	ng	#	26
17) 2-Methylphenol	7.00	107	283545	37.864	ng	#	92
18) Hexachloroethane	7.23	117	120597	30.428	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	238008	39.241	ng		98
20) 3+4-Methylphenols	7.16	107	376679	41.057	ng	#	86
22) Acetophenone	7.14	105	493864	39.616	ng		95
24) Nitrobenzene	7.32	77	371151	36.780	ng		99
25) Isophorone	7.55	82	653953	36.900	ng		98
26) 2-Nitrophenol	7.63	139	187012	34.977	ng		97
27) 2,4-Dimethylphenol	7.67	122	290906	40.089	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	395961	34.326	ng		99
29) 2,4-Dichlorophenol	7.89	162	309060	36.178	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	341340	33.701	ng		98
31) Naphthalene	8.03	128	1003602	35.916	ng		99
32) Benzoic acid	7.85	122	159410	32.597	ng		98
33) 4-Chloroaniline	8.09	127	254664	21.190	ng		99
34) Hexachlorobutadiene	8.15	225	206803	32.779	ng		98
35) Caprolactam	8.47	113	96765m	36.787	ng		
36) 4-Chloro-3-methylphenol	8.59	107	325536	37.653	ng		97
37) 2-Methylnaphthalene	8.72	142	689282	36.655	ng		99
38) 1-Methylnaphthalene	8.82	142	644642	36.452	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	347787	39.120	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	883	9.635	ng		91
43) 2,4,6-Trichlorophenol	9.01	196	217000	38.652	ng		98
44) 2,4,5-Trichlorophenol	9.06	196	222883	37.833	ng		98
46) 1,1'-Biphenyl	9.19	154	837114	39.281	ng		98
47) 2-Chloronaphthalene	9.21	162	652752	38.010	ng		98
48) 2-Nitroaniline	9.32	65	193731	40.445	ng		97
49) Acenaphthylene	9.62	152	962532	38.806	ng		99
50) Dimethylphthalate	9.49	163	794324	39.395	ng		99
51) 2,6-Dinitrotoluene	9.56	165	172923	38.602	ng		90
52) Acenaphthene	9.80	154	583701	39.028	ng		100
53) 3-Nitroaniline	9.73	138	142557	28.705	ng		96
54) 2,4-Dinitrophenol	9.86	184	29263	19.660	ng		92
55) Dibenzofuran	9.97	168	854172	38.264	ng		99
56) 4-Nitrophenol	9.92	139	174772	58.573	ng		98
57) 2,4-Dinitrotoluene	9.97	165	209568	36.092	ng		92
58) Fluorene	10.31	166	688630	39.698	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	179071	36.023	ng		98
60) Diethylphthalate	10.19	149	765032	40.262	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	360165	39.226	ng		99
62) 4-Nitroaniline	10.35	138	156899	30.879	ng		94
63) Azobenzene	10.46	77	649439	39.321	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	32075	11.594	ng		97
66) n-Nitrosodiphenylamine	10.42	169	616573	41.187	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	227747	38.110	ng		99
68) Hexachlorobenzene	10.86	284	247945	35.986	ng		97
69) Atrazine	10.94	200	50825	9.717	ng		97
70) Pentachlorophenol	11.07	266	288070	103.790	ng		100
71) Phenanthrene	11.27	178	927018	37.180	ng		98
72) Anthracene	11.32	178	908961	36.486	ng		98
73) Carbazole	11.48	167	832226	37.498	ng		99
74) Di-n-butylphthalate	11.80	149	1083927	40.329	ng		99
75) Fluoranthene	12.46	202	942525	35.613	ng		98
77) Benzidine	12.58	184	149392	9.375	ng		98
78) Pyrene	12.69	202	941852	29.936	ng		99
80) Butylbenzylphthalate	13.30	149	418236	31.585	ng		100
81) Benzo(a)anthracene	13.87	228	914180	34.242	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	341170	32.910	ng	#	98
83) Chrysene	13.92	228	853157	32.072	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	571911	34.187	ng		99
85) Di-n-octyl phthalate	14.46	149	957225	35.912	ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	635180	24.660	ng		99
88) Benzo(b)fluoranthene	14.91	252	858747	65.236	ng		98
89) Benzo(k)fluoranthene	14.93	252	779290	63.881	ng		99
90) Benzo(a)pyrene	15.26	252	702662	59.144	ng		98
91) Dibenzo(a,h)anthracene	16.72	278	556063	53.194	ng		99
92) Benzo(g,h,i)perylene	17.14	276	505978	48.988	ng		98

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

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