Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122682.D
Acq On : 12 Dec 2020 17:10
Operator : JU/CG
Sample : L5043-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KENS-SS2-121020-0-7MS

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:54 PM

Quant Time: Dec 13 23:44:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	144755	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	558272	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	292863	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	537091	20.00	ng	0.00
76) Chrysene-d12	14.004	240	409849	20.00	ng	0.00
86) Perylene-d12	15.462	264	375213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1176411	128.66	ng	0.01
7) Phenol-d6	6.475	99	1498205	123.55	ng	0.00
23) Nitrobenzene-d5	7.404	82	938642	84.24	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	487273	127.11	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1627422	75.16	ng	0.00
79) Terphenyl-d14	12.945	244	1604964	68.55	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	169767	39.50	ng	99
3) Pyridine	3.398	79	473204	41.66	ng	97
4) n-Nitrosodimethylamine	3.351	42	199872	43.88	ng	96
6) Aniline	6.498	93	560703	39.28	ng	97
8) 2-Chlorophenol	6.622	128	470283	46.66	ng	99
9) Benzaldehyde	6.386	77	191626	26.11	ng	97
10) Phenol	6.492	94	645904	51.40	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	437442	45.57	ng	99
12) 1,3-Dichlorobenzene	6.781	146	513132	43.03	ng	99
13) 1,4-Dichlorobenzene	6.857	146	511451	42.54	ng	100
14) 1,2-Dichlorobenzene	7.010	146	492856	42.46	ng	99
15) Benzyl Alcohol	6.981	79	384376	46.03	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	548439	40.06	ng	98
17) 2-Methylphenol	7.092	107	376230	46.96	ng	99
18) Hexachloroethane	7.351	117	182370	42.56	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	303116	43.64	ng	98
20) 3+4-Methylphenols	7.245	107	444148	43.89	ng	96
22) Acetophenone	7.251	105	583738	42.05	ng	98
24) Nitrobenzene	7.422	77	469099	42.32	ng	99
25) Isophorone	7.663	82	844609	44.01	ng	99
26) 2-Nitrophenol	7.739	139	252360	46.68	ng	92
27) 2,4-Dimethylphenol	7.775	122	404850	51.09	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	542922	41.31	ng	100
29) 2,4-Dichlorophenol	7.980	162	401931	43.43	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	427227	40.75	ng	100
31) Naphthalene	8.145	128	1324296	42.99	ng	100
32) Benzoic acid	7.880	122	87671	13.89	ng	94
33) 4-Chloroaniline	8.192	127	395858	30.74	ng	99
34) Hexachlorobutadiene	8.263	225	252953	39.20	ng	99
35) Caprolactam	8.569	113	113793m	40.83	ng	
36) 4-Chloro-3-methylphenol	8.680	107	409128	44.88	ng	99
37) 2-Methylnaphthalene	8.833	142	889418	43.64	ng	99
38) 1-Methylnaphthalene	8.933	142	824818	42.79	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	413850	42.66	ng	100
41) Hexachlorocyclopentadiene	8.992	237	357400	83.33	ng	96
43) 2,4,6-Trichlorophenol	9.116	196	282874	42.22	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	299907	43.31	ng		98
46) 1,1'-Biphenyl	9.298	154	1055223	43.42	ng		99
47) 2-Chloronaphthalene	9.322	162	836439	41.54	ng		100
48) 2-Nitroaniline	9.422	65	241953	41.21	ng		97
49) Acenaphthylene	9.739	152	1300344	43.72	ng		100
50) Dimethylphthalate	9.604	163	1125404	48.12	ng		100
51) 2,6-Dinitrotoluene	9.663	165	226960	45.95	ng		96
52) Acenaphthene	9.910	154	836960m	43.49	ng		
53) 3-Nitroaniline	9.833	138	181208	31.75	ng		99
54) 2,4-Dinitrophenol	9.939	184	129876	53.78	ng		99
55) Dibenzofuran	10.086	168	1177214	43.49	ng		97
56) 4-Nitrophenol	10.004	139	345281	84.83	ng		97
57) 2,4-Dinitrotoluene	10.069	165	295885	44.97	ng		99
58) Fluorene	10.427	166	898958	41.75	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	248872	40.91	ng		99
60) Diethylphthalate	10.298	149	951543	41.83	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	434699	41.01	ng		99
62) 4-Nitroaniline	10.445	138	231126	39.89	ng		97
63) Azobenzene	10.580	77	885569	42.35	ng		95
65) 4,6-Dinitro-2-methylph...	10.480	198	122101	37.28	ng		92
66) n-Nitrosodiphenylamine	10.539	169	824180	43.43	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	301457	41.42	ng	#	90
68) Hexachlorobenzene	10.974	284	334336	41.55	ng		99
69) Atrazine	11.063	200	222064	36.03	ng		99
70) Pentachlorophenol	11.169	266	295224	69.26	ng		99
71) Phenanthrene	11.392	178	1351444	42.34	ng		99
72) Anthracene	11.439	178	1399814	44.23	ng		100
73) Carbazole	11.592	167	1235178	43.03	ng		100
74) Di-n-butylphthalate	11.921	149	1438782	39.89	ng		99
75) Fluoranthene	12.580	202	1401592	41.87	ng		98
77) Benzidine	12.698	184	527185	59.47	ng		99
78) Pyrene	12.810	202	1413473	44.61	ng		99
80) Butylbenzylphthalate	13.421	149	573656	40.19	ng		99
81) Benzo(a)anthracene	13.992	228	1185447	43.28	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	330610	33.70	ng		100
83) Chrysene	14.033	228	1181801	43.36	ng		100
84) Bis(2-ethylhexyl)phtha...	13.980	149	749361	38.34	ng		100
85) Di-n-octyl phthalate	14.592	149	1183766	36.51	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1127169	45.77	ng		99
88) Benzo(b)fluoranthene	15.045	252	1136139	43.16	ng		99
89) Benzo(k)fluoranthene	15.074	252	1054432	43.81	ng		99
90) Benzo(a)pyrene	15.404	252	972466	42.22	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	930928	46.18	ng		99
92) Benzo(g,h,i)perylene	17.368	276	978167	50.14	ng		99

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

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