Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122683.D
Acq On : 12 Dec 2020 17:41
Operator : JU/CG
Sample : L5043-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:57 PM

Quant Time: Dec 13 23:45:20 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	6.840	152	152567	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	596510	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	322849	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	603754	20.00	ng	0.00
76) Chrysene-d12	14.004	240	485735	20.00	ng	0.00
86) Perylene-d12	15.463	264	436521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1033411	107.23	ng	0.00
7) Phenol-d6	6.475	99	1312172	102.67	ng	0.00
23) Nitrobenzene-d5	7.404	82	816541	68.58	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	437374	103.50	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1323015	55.43	ng	0.00
79) Terphenyl-d14	12.945	244	1426285	51.40	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	164209	36.25	ng	98
3) Pyridine	3.387	79	465336	38.87	ng	98
4) n-Nitrosodimethylamine	3.340	42	193570	40.32	ng	99
6) Aniline	6.498	93	576398	38.31	ng	99
8) 2-Chlorophenol	6.622	128	472072	44.44	ng	98
9) Benzaldehyde	6.387	77	190112	24.58	ng	96
10) Phenol	6.487	94	606879	45.82	ng	95
11) bis(2-Chloroethyl)ether	6.575	93	436285	43.12	ng	99
12) 1,3-Dichlorobenzene	6.781	146	507864	40.41	ng	100
13) 1,4-Dichlorobenzene	6.857	146	510570	40.29	ng	98
14) 1,2-Dichlorobenzene	7.010	146	493315	40.33	ng	99
15) Benzyl Alcohol	6.981	79	384240	43.66	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	555160	38.48	ng	98
17) 2-Methylphenol	7.092	107	379883	44.99	ng	99
18) Hexachloroethane	7.351	117	182362	40.38	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	304055	41.53	ng	97
20) 3+4-Methylphenols	7.245	107	448349	42.03	ng	99
22) Acetophenone	7.251	105	593834	40.04	ng	99
24) Nitrobenzene	7.422	77	471995	39.85	ng	99
25) Isophorone	7.663	82	855951	41.74	ng	99
26) 2-Nitrophenol	7.739	139	252378	43.69	ng	92
27) 2,4-Dimethylphenol	7.775	122	416661	49.21	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	551866	39.30	ng	100
29) 2,4-Dichlorophenol	7.981	162	403506	40.81	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	428694	38.27	ng	98
31) Naphthalene	8.145	128	1325045	40.25	ng	100
32) Benzoic acid	7.881	122	90033	13.35	ng	99
33) 4-Chloroaniline	8.192	127	421455	30.63	ng	99
34) Hexachlorobutadiene	8.263	225	250455	36.32	ng	100
35) Caprolactam	8.569	113	117560m	39.48	ng	
36) 4-Chloro-3-methylphenol	8.681	107	419758	43.10	ng	99
37) 2-Methylnaphthalene	8.834	142	891413	40.94	ng	99
38) 1-Methylnaphthalene	8.934	142	832027	40.39	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	417952	39.08	ng	99
41) Hexachlorocyclopentadiene	8.986	237	381924	80.78	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	290530	39.34	ng	97

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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)
44) 2,4,5-Trichlorophenol	9.157	196	311150	40.76	ng	97
46) 1,1'-Biphenyl	9.298	154	1072324	40.02	ng	100
47) 2-Chloronaphthalene	9.322	162	854056	38.47	ng	99
48) 2-Nitroaniline	9.422	65	251670	38.88	ng	95
49) Acenaphthylene	9.739	152	1333605	40.67	ng	100
50) Dimethylphthalate	9.604	163	1102096	42.74	ng	100
51) 2,6-Dinitrotoluene	9.663	165	235560	43.26	ng	97
52) Acenaphthene	9.910	154	871412m	41.08	ng	
53) 3-Nitroaniline	9.833	138	190639	30.30	ng	97
54) 2,4-Dinitrophenol	9.939	184	142171	53.40	ng	97
55) Dibenzofuran	10.086	168	1205013	40.38	ng	97
56) 4-Nitrophenol	10.004	139	359038	80.02	ng	99
57) 2,4-Dinitrotoluene	10.069	165	312259	43.05	ng	98
58) Fluorene	10.428	166	929070	39.14	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	263926	39.35	ng	99
60) Diethylphthalate	10.298	149	998106	39.80	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	456653	39.08	ng	98
62) 4-Nitroaniline	10.445	138	242682	38.00	ng	97
63) Azobenzene	10.575	77	932871	40.47	ng	98
65) 4,6-Dinitro-2-methylph...	10.480	198	137299	37.29	ng	87
66) n-Nitrosodiphenylamine	10.539	169	863064	40.46	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	315649	38.58	ng	97
68) Hexachlorobenzene	10.975	284	346492	38.31	ng	98
69) Atrazine	11.063	200	239650	34.59	ng	99
70) Pentachlorophenol	11.169	266	318474	66.46	ng	98
71) Phenanthrene	11.386	178	1428851	39.82	ng	99
72) Anthracene	11.439	178	1481804	41.65	ng	99
73) Carbazole	11.592	167	1309667	40.59	ng	100
74) Di-n-butylphthalate	11.922	149	1550102	38.23	ng	99
75) Fluoranthene	12.574	202	1510880	40.15	ng	100
77) Benzidine	12.698	184	629579	59.92	ng	99
78) Pyrene	12.804	202	1524033	40.58	ng	100
80) Butylbenzylphthalate	13.421	149	639153	37.78	ng	99
81) Benzo(a)anthracene	13.998	228	1308455	40.31	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	371509	31.95	ng	99
83) Chrysene	14.033	228	1320876	40.89	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	853691	36.85	ng	100
85) Di-n-octyl phthalate	14.592	149	1367427	35.59	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1203566	42.00	ng	100
88) Benzo(b)fluoranthene	15.045	252	1261818	41.20	ng	99
89) Benzo(k)fluoranthene	15.074	252	1177039	42.03	ng	99
90) Benzo(a)pyrene	15.404	252	1072772	40.04	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	982492	41.89	ng	98
92) Benzo(g,h,i)perylene	17.368	276	1015569	44.74	ng	99

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

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