Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
Data File : BF122762.D
Acq On : 17 Dec 2020 13:57
Operator : JU/CG
Sample : PB133592BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133592BS

Manual Integrations APPROVED
mohammad
12/18/2020 10:26:39 AM

Quant Time: Dec 17 14:27:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	169577	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	635474	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	345755	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	639185	20.00	ng	0.00
76) Chrysene-d12	13.992	240	533924	20.00	ng	0.00
86) Perylene-d12	15.445	264	542795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1151087	107.46	ng	0.02
7) Phenol-d6	6.463	99	1473171	103.70	ng	0.00
23) Nitrobenzene-d5	7.386	82	843090	66.47	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	480008	106.06	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1624216	63.54	ng	0.00
79) Terphenyl-d14	12.933	244	1854566	60.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	203377	40.40	ng	98
3) Pyridine	3.422	79	564821	42.44	ng	97
4) n-Nitrosodimethylamine	3.381	42	223498	41.88	ng	94
6) Aniline	6.487	93	481988	28.82	ng	100
8) 2-Chlorophenol	6.610	128	514941	43.62	ng	96
9) Benzaldehyde	6.369	77	103681	12.06	ng	96
10) Phenol	6.475	94	617528	41.95	ng	98
11) bis(2-Chloroethyl)ether	6.557	93	488413	43.43	ng	100
12) 1,3-Dichlorobenzene	6.763	146	570283	40.82	ng	99
13) 1,4-Dichlorobenzene	6.839	146	578135	41.04	ng	99
14) 1,2-Dichlorobenzene	6.992	146	534073	39.28	ng	99
15) Benzyl Alcohol	6.969	79	405607	41.47	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	603535	37.64	ng	92
17) 2-Methylphenol	7.081	107	432017	46.03	ng	98
18) Hexachloroethane	7.334	117	205207	40.88	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	340376	41.83	ng	99
20) 3+4-Methylphenols	7.234	107	499762	42.15	ng	99
22) Acetophenone	7.234	105	672803	42.58	ng	96
24) Nitrobenzene	7.404	77	534099	42.33	ng	99
25) Isophorone	7.645	82	965963	44.22	ng	99
26) 2-Nitrophenol	7.722	139	284357	46.21	ng	95
27) 2,4-Dimethylphenol	7.763	122	453277	50.25	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	613311	41.00	ng	100
29) 2,4-Dichlorophenol	7.969	162	452896	43.00	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	484341	40.58	ng	99
31) Naphthalene	8.128	128	1495970	42.66	ng	99
32) Benzoic acid	7.910	122	313241	43.59	ng	98
33) 4-Chloroaniline	8.175	127	376155	25.66	ng	100
34) Hexachlorobutadiene	8.245	225	285634	38.89	ng	99
35) Caprolactam	8.557	113	137549m	43.36	ng	
36) 4-Chloro-3-methylphenol	8.669	107	474640	45.75	ng	99
37) 2-Methylnaphthalene	8.822	142	1014222	43.72	ng	99
38) 1-Methylnaphthalene	8.922	142	929772	42.37	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	467186	40.79	ng	100
41) Hexachlorocyclopentadiene	8.975	237	435998	86.11	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	318763	40.30	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	341884	41.82	ng	100
46) 1,1'-Biphenyl	9.286	154	1188481	41.42	ng	98
47) 2-Chloronaphthalene	9.310	162	949034	39.92	ng	99
48) 2-Nitroaniline	9.404	65	279316	40.30	ng	93
49) Acenaphthylene	9.727	152	1460406	41.59	ng	99
50) Dimethylphthalate	9.586	163	1138130	41.22	ng	99
51) 2,6-Dinitrotoluene	9.651	165	260465	44.66	ng	98
52) Acenaphthene	9.898	154	1023170m	45.03	ng	
53) 3-Nitroaniline	9.816	138	179607	26.65	ng	94
54) 2,4-Dinitrophenol	9.933	184	278216	97.57	ng	92
55) Dibenzofuran	10.069	168	1318560	41.26	ng	99
56) 4-Nitrophenol	9.992	139	386981	80.54	ng	93
57) 2,4-Dinitrotoluene	10.057	165	343964	44.28	ng	99
58) Fluorene	10.416	166	1014298	39.90	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	310483	43.23	ng	97
60) Diethylphthalate	10.286	149	1093091	40.70	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	486234	38.85	ng	96
62) 4-Nitroaniline	10.439	138	263878	38.58	ng	93
63) Azobenzene	10.563	77	1003632	40.65	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	194956	50.02	ng	98
66) n-Nitrosodiphenylamine	10.522	169	945694	41.87	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	341593	39.44	ng	95
68) Hexachlorobenzene	10.963	284	382690	39.97	ng	96
69) Atrazine	11.051	200	271351	37.00	ng	99
70) Pentachlorophenol	11.157	266	414648	81.74	ng	98
71) Phenanthrene	11.374	178	1540650	40.56	ng	100
72) Anthracene	11.427	178	1583519	42.04	ng	99
73) Carbazole	11.580	167	1430159	41.86	ng	100
74) Di-n-butylphthalate	11.910	149	1677807	39.09	ng	99
75) Fluoranthene	12.563	202	1643621	41.26	ng	99
77) Benzidine	12.680	184	611525	52.95	ng	98
78) Pyrene	12.792	202	1657881	40.16	ng	100
80) Butylbenzylphthalate	13.410	149	717769	38.60	ng	94
81) Benzo(a)anthracene	13.980	228	1464450	41.04	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	419035	32.79	ng	99
83) Chrysene	14.021	228	1479701	41.67	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	967412	37.99	ng	99
85) Di-n-octyl phthalate	14.580	149	1646282	38.98	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	1484657	41.67	ng	99
88) Benzo(b)fluoranthene	15.027	252	1650409	43.34	ng	99
89) Benzo(k)fluoranthene	15.062	252	1392673	40.00	ng	99
90) Benzo(a)pyrene	15.392	252	1379028	41.39	ng	100
91) Dibenzo(a,h)anthracene	16.921	278	1225311	42.02	ng	98
92) Benzo(g,h,i)perylene	17.345	276	1237176	43.84	ng	99

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

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