Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122571.D
Acq On : 7 Dec 2020 14:04
Operator : JU/CG
Sample : PB133423BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133423BS

Manual Integrations APPROVED
mohammad
12/8/2020 2:06:03 PM

Quant Time: Dec 07 14:50:19 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	202379	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	796942	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	429033	20.00	ng		0.00
64) Phenanthrene-d10	11.369	188	812680	20.00	ng		0.00
76) Chrysene-d12	14.010	240	657105	20.00	ng		0.00
86) Perylene-d12	15.468	264	615682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1408964	110.22	ng		0.02
7) Phenol-d6	6.481	99	1775132	104.70	ng		0.00
23) Nitrobenzene-d5	7.404	82	1150325	72.32	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	602419	107.27	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2137684	67.39	ng		0.00
79) Terphenyl-d14	12.957	244	2391256	63.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	207745	34.58	ng		99
3) Pyridine	3.416	79	606438	38.19	ng		99
4) n-Nitrosodimethylamine	3.375	42	277663	43.60	ng		96
6) Aniline	6.504	93	569394	28.53	ng		98
8) 2-Chlorophenol	6.628	128	622029	44.15	ng		99
9) Benzaldehyde	6.387	77	296509	28.90	ng		96
10) Phenol	6.492	94	720549	41.02	ng		96
11) bis(2-Chloroethyl)ether	6.581	93	588535	43.85	ng		99
12) 1,3-Dichlorobenzene	6.781	146	669061	40.13	ng		97
13) 1,4-Dichlorobenzene	6.857	146	678749	40.38	ng		98
14) 1,2-Dichlorobenzene	7.010	146	649123	40.00	ng		99
15) Benzyl Alcohol	6.987	79	529343	45.35	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	782797	40.90	ng		99
17) 2-Methylphenol	7.098	107	500106	44.65	ng		99
18) Hexachloroethane	7.357	117	242203	40.43	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	415222	42.76	ng		99
20) 3+4-Methylphenols	7.251	107	582974	41.20	ng		97
22) Acetophenone	7.251	105	777996	39.26	ng	#	93
24) Nitrobenzene	7.428	77	644919	40.76	ng		98
25) Isophorone	7.669	82	1170838	42.74	ng		99
26) 2-Nitrophenol	7.739	139	336245	43.57	ng		99
27) 2,4-Dimethylphenol	7.781	122	551469	48.75	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	743009	39.60	ng		99
29) 2,4-Dichlorophenol	7.987	162	539425	40.84	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	574150	38.36	ng		99
31) Naphthalene	8.145	128	1747046	39.73	ng		99
32) Benzoic acid	7.916	122	399936	44.37	ng		99
33) 4-Chloroaniline	8.192	127	290496	15.80	ng		99
34) Hexachlorobutadiene	8.269	225	338913	36.79	ng		100
35) Caprolactam	8.575	113	172987m	43.48	ng		
36) 4-Chloro-3-methylphenol	8.681	107	566203	43.51	ng		98
37) 2-Methylnaphthalene	8.839	142	1188336	40.85	ng		99
38) 1-Methylnaphthalene	8.939	142	1099911	39.97	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	554159	39.00	ng		99
41) Hexachlorocyclopentadiene	8.998	237	646054	102.82	ng		96
43) 2,4,6-Trichlorophenol	9.122	196	399560	40.71	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	420050	41.41	ng	97
46) 1,1'-Biphenyl	9.304	154	1428663	40.12	ng	99
47) 2-Chloronaphthalene	9.328	162	1137093	38.54	ng	100
48) 2-Nitroaniline	9.422	65	344880	40.10	ng	89
49) Acenaphthylene	9.745	152	1757246	40.33	ng	100
50) Dimethylphthalate	9.610	163	1378268	40.23	ng	100
51) 2,6-Dinitrotoluene	9.669	165	315879	43.65	ng	97
52) Acenaphthene	9.916	154	1245672m	44.19	ng	
53) 3-Nitroaniline	9.833	138	169563	20.28	ng	95
54) 2,4-Dinitrophenol	9.945	184	338734	95.74	ng	97
55) Dibenzofuran	10.092	168	1584396	39.95	ng	98
56) 4-Nitrophenol	10.004	139	529216	88.76	ng	89
57) 2,4-Dinitrotoluene	10.075	165	421701	43.75	ng	99
58) Fluorene	10.433	166	1217683	38.61	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	376214	42.21	ng	100
60) Diethylphthalate	10.310	149	1354522	40.64	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	597833	38.50	ng	99
62) 4-Nitroaniline	10.457	138	314966	37.11	ng	94
63) Azobenzene	10.586	77	1268494	41.41	ng	96
65) 4,6-Dinitro-2-methylph...	10.480	198	234696	47.36	ng	91
66) n-Nitrosodiphenylamine	10.545	169	1151659	40.11	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	422677	38.38	ng	98
68) Hexachlorobenzene	10.980	284	460727	37.85	ng	99
69) Atrazine	11.069	200	345760	37.08	ng	99
70) Pentachlorophenol	11.175	266	546093	84.67	ng	99
71) Phenanthrene	11.392	178	1882384	38.98	ng	100
72) Anthracene	11.445	178	1958426	40.89	ng	99
73) Carbazole	11.598	167	1751488	40.32	ng	99
74) Di-n-butylphthalate	11.927	149	2052158	37.60	ng	100
75) Fluoranthene	12.580	202	2008531	39.66	ng	99
77) Benzidine	12.698	184	755909	53.18	ng	99
78) Pyrene	12.810	202	2053013	40.41	ng	100
80) Butylbenzylphthalate	13.427	149	905740	39.58	ng	98
81) Benzo(a)anthracene	13.998	228	1743971	39.71	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	426383	27.11	ng	99
83) Chrysene	14.039	228	1805508	41.31	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	1176248	37.53	ng	100
85) Di-n-octyl phthalate	14.604	149	2045178	39.34	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1649658	40.82	ng	99
88) Benzo(b)fluoranthene	15.051	252	1828817	42.34	ng	98
89) Benzo(k)fluoranthene	15.080	252	1687467	42.72	ng	99
90) Benzo(a)pyrene	15.415	252	1536434	40.65	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	1361225	41.15	ng	100
92) Benzo(g,h,i)perylene	17.374	276	1345940	42.04	ng	99

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

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