Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122327.D
Acq On : 13 Nov 2020 14:04
Operator : JU/CG
Sample : PB132985BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132985BS

Manual Integrations APPROVED
mohammad
11/19/2020 10:27:49 AM

Quant Time: Nov 13 14:52:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	254988	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	987481	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	522063	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	952532	20.00	ng		0.00
76) Chrysene-d12	14.033	240	867201	20.00	ng		0.00
86) Perylene-d12	15.498	264	859016	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1563157	94.13	ng		0.00
7) Phenol-d6	6.486	99	1994577	91.81	ng		0.00
23) Nitrobenzene-d5	7.428	82	1255843	77.86	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	535491	95.57	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	2208817	66.11	ng		0.00
79) Terphenyl-d14	12.980	244	2457008	60.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	244774	32.14	ng		93
3) Pyridine	3.398	79	697407	33.30	ng		92
4) n-Nitrosodimethylamine	3.345	42	366774	37.15	ng		97
6) Aniline	6.522	93	674103	23.65	ng		98
8) 2-Chlorophenol	6.645	128	706530	41.03	ng		94
9) Benzaldehyde	6.410	77	125278	7.69	ng		96
10) Phenol	6.498	94	857639	40.09	ng		79
11) bis(2-Chloroethyl)ether	6.598	93	660742	38.86	ng		95
12) 1,3-Dichlorobenzene	6.810	146	747027	38.21	ng		96
13) 1,4-Dichlorobenzene	6.886	146	752118	38.30	ng		96
14) 1,2-Dichlorobenzene	7.039	146	725331	39.57	ng		98
15) Benzyl Alcohol	7.004	79	588746	38.12	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	956726	38.60	ng		98
17) 2-Methylphenol	7.116	107	566389	39.40	ng		97
18) Hexachloroethane	7.380	117	270370	39.53	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	494310	38.08	ng		95
20) 3+4-Methylphenols	7.263	107	708094	40.03	ng	#	73
22) Acetophenone	7.275	105	912421	35.47	ng	#	86
24) Nitrobenzene	7.445	77	743198	40.27	ng		98
25) Isophorone	7.686	82	1297825	36.09	ng		97
26) 2-Nitrophenol	7.763	139	333835	42.57	ng		97
27) 2,4-Dimethylphenol	7.798	122	588920	34.72	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	819037	37.24	ng		100
29) 2,4-Dichlorophenol	8.004	162	582686	38.80	ng		95
30) 1,2,4-Trichlorobenzene	8.092	180	625959	37.77	ng		96
31) Naphthalene	8.175	128	1927539	36.72	ng		99
32) Benzoic acid	7.857	122	64476m	13.69	ng		
33) 4-Chloroaniline	8.216	127	414734	18.14	ng		96
34) Hexachlorobutadiene	8.292	225	365345	38.35	ng		98
35) Caprolactam	8.580	113	176267m	37.03	ng		
36) 4-Chloro-3-methylphenol	8.692	107	610200	38.96	ng		95
37) 2-Methylnaphthalene	8.863	142	1314939	37.91	ng		99
38) 1-Methylnaphthalene	8.963	142	1240802	38.22	ng		97
40) 1,2,4,5-Tetrachloroben...	9.033	216	588212	36.56	ng		98
41) Hexachlorocyclopentadiene	9.022	237	734294	78.07	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	415922	39.81	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.174	196	432783	39.51	ng	97
46) 1,1'-Biphenyl	9.327	154	1537936	37.01	ng	100
47) 2-Chloronaphthalene	9.351	162	1251928	37.96	ng	99
48) 2-Nitroaniline	9.445	65	399540	41.45	ng	92
49) Acenaphthylene	9.769	152	1913655	37.75	ng	98
50) Dimethylphthalate	9.627	163	1435435	38.68	ng	99
51) 2,6-Dinitrotoluene	9.686	165	330643	40.67	ng	92
52) Acenaphthene	9.939	154	1171616	37.34	ng	99
53) 3-Nitroaniline	9.851	138	280463	31.17	ng	98
54) 2,4-Dinitrophenol	9.957	184	70567	34.96	ng	92
55) Dibenzofuran	10.116	168	1753818	38.15	ng	97
56) 4-Nitrophenol	10.010	139	543764	68.05	ng	96
57) 2,4-Dinitrotoluene	10.086	165	447001	43.45	ng	96
58) Fluorene	10.457	166	1331623	37.83	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	341227	37.46	ng	100
60) Diethylphthalate	10.327	149	1401741	38.51	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	637759	38.38	ng	96
62) 4-Nitroaniline	10.469	138	365777	40.33	ng	97
63) Azobenzene	10.610	77	1436066	37.60	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	83565	27.35	ng	97
66) n-Nitrosodiphenylamine	10.563	169	1238531	38.16	ng	95
67) 4-Bromophenyl-phenylether	10.939	248	433512	38.73	ng	98
68) Hexachlorobenzene	11.004	284	468189	38.71	ng	97
69) Atrazine	11.092	200	367025	45.41	ng	97
70) Pentachlorophenol	11.192	266	360953	51.81	ng	98
71) Phenanthrene	11.416	178	2046879	37.87	ng	97
72) Anthracene	11.468	178	2100578	37.71	ng	98
73) Carbazole	11.621	167	1941404	38.31	ng	99
74) Di-n-butylphthalate	11.957	149	2131440	39.46	ng	99
75) Fluoranthene	12.604	202	2214486	39.25	ng	99
77) Benzidine	12.721	184	784793	32.63	ng	98
78) Pyrene	12.833	202	2247733	36.89	ng	98
80) Butylbenzylphthalate	13.457	149	962299	39.98	ng	91
81) Benzo(a)anthracene	14.021	228	2029470	37.63	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	425115	21.15	ng	99
83) Chrysene	14.057	228	2063065	37.98	ng	97
84) Bis(2-ethylhexyl)phtha...	14.015	149	1153578	39.27	ng	98
85) Di-n-octyl phthalate	14.627	149	2101453	42.21	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	2236256	43.39	ng	99
88) Benzo(b)fluoranthene	15.074	252	2133888	38.36	ng	100
89) Benzo(k)fluoranthene	15.104	252	2009331	37.04	ng	98
90) Benzo(a)pyrene	15.439	252	1930162	39.80	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	1835035	42.50	ng	100
92) Benzo(g,h,i)perylene	17.415	276	1811921	43.16	ng	97

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

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