Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122550.D
Acq On : 4 Dec 2020 17:37
Operator : JU/CG
Sample : L4910-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10MSD

Manual Integrations APPROVED
mohammad
12/7/2020 1:59:12 PM

Quant Time: Dec 04 23:29:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 12:52:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	179519	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	706994	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	383860	20.00	ng	0.00
64) Phenanthrene-d10	11.374	188	742832	20.00	ng	0.00
76) Chrysene-d12	14.015	240	597690	20.00	ng	0.00
86) Perylene-d12	15.480	264	497927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	892804	76.37	ng	0.01
7) Phenol-d6	6.481	99	1038172	67.88	ng	0.00
23) Nitrobenzene-d5	7.410	82	776905	67.27	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	431805	104.81	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1487613	60.55	ng	0.00
79) Terphenyl-d14	12.963	244	1771246	62.78	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	138741	25.88	ng	88
3) Pyridine	3.440	79	345690	23.44	ng	89
4) n-Nitrosodimethylamine	3.369	42	172019	24.75	ng	87
6) Aniline	6.510	93	241157	12.02	ng	98
8) 2-Chlorophenol	6.634	128	417167	34.41	ng	91
9) Benzaldehyde	6.398	77	195979	20.58	ng	94
10) Phenol	6.498	94	458312	30.43	ng	77
11) bis(2-Chloroethyl)ether	6.581	93	397399	33.20	ng	94
12) 1,3-Dichlorobenzene	6.792	146	444177	32.27	ng	96
13) 1,4-Dichlorobenzene	6.869	146	450441	32.58	ng	96
14) 1,2-Dichlorobenzene	7.022	146	429893	33.31	ng	99
15) Benzyl Alcohol	6.992	79	350160	32.20	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	513732	29.44	ng	92
17) 2-Methylphenol	7.104	107	333384	32.94	ng	97
18) Hexachloroethane	7.363	117	155666	32.33	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	284884	31.17	ng	93
20) 3+4-Methylphenols	7.257	107	397735	31.94	ng	95
22) Acetophenone	7.257	105	553899	30.08	ng	92
24) Nitrobenzene	7.434	77	439800	33.29	ng	90
25) Isophorone	7.669	82	790958	30.72	ng	98
26) 2-Nitrophenol	7.745	139	220297	39.77	ng	98
27) 2,4-Dimethylphenol	7.786	122	360156	29.66	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	500802	31.80	ng	99
29) 2,4-Dichlorophenol	7.992	162	370596	34.47	ng	96
30) 1,2,4-Trichlorobenzene	8.075	180	386417	32.56	ng	95
31) Naphthalene	8.157	128	1212629	32.26	ng	99
32) Benzoic acid	7.892	122	142774	25.68	ng	93
33) 4-Chloroaniline	8.198	127	146589	8.95	ng	96
34) Hexachlorobutadiene	8.275	225	225201	33.02	ng	99
35) Caprolactam	8.569	113	94341m	27.68	ng	
36) 4-Chloro-3-methylphenol	8.686	107	390212	34.80	ng	96
37) 2-Methylnaphthalene	8.845	142	830219	33.43	ng	99
38) 1-Methylnaphthalene	8.945	142	764853	32.90	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	388372	32.83	ng	99
41) Hexachlorocyclopentadiene	9.004	237	320953	46.41	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	272907	35.53	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	299216	37.16	ng		96
46) 1,1'-Biphenyl	9.310	154	1006460	32.94	ng		99
47) 2-Chloronaphthalene	9.333	162	800376	33.00	ng		99
48) 2-Nitroaniline	9.433	65	241906	35.05	ng	#	82
49) Acenaphthylene	9.751	152	1249819	33.53	ng		100
50) Dimethylphthalate	9.610	163	1051679	38.54	ng		99
51) 2,6-Dinitrotoluene	9.675	165	225003	37.92	ng	#	76
52) Acenaphthene	9.922	154	833781m	36.14	ng		
53) 3-Nitroaniline	9.839	138	114285	18.86	ng		93
54) 2,4-Dinitrophenol	9.951	184	149524	66.63	ng		92
55) Dibenzofuran	10.092	168	1159282	34.30	ng		99
56) 4-Nitrophenol	10.010	139	327258	56.68	ng		97
57) 2,4-Dinitrotoluene	10.075	165	301676	40.27	ng		90
58) Fluorene	10.439	166	901287	34.82	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	259404	38.73	ng		97
60) Diethylphthalate	10.310	149	965334	36.07	ng		100
61) 4-Chlorophenyl-phenyle...	10.427	204	434847	35.59	ng		95
62) 4-Nitroaniline	10.457	138	220943	33.74	ng		97
63) Azobenzene	10.586	77	906931	32.30	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	133470	43.97	ng		85
66) n-Nitrosodiphenylamine	10.545	169	821844	32.47	ng		95
67) 4-Bromophenyl-phenylether	10.916	248	301339	34.52	ng		96
68) Hexachlorobenzene	10.986	284	334881	35.51	ng		97
69) Atrazine	11.074	200	224742	35.66	ng		98
70) Pentachlorophenol	11.180	266	333145	61.31	ng		99
71) Phenanthrene	11.398	178	1400919	33.24	ng		99
72) Anthracene	11.451	178	1448488	33.35	ng		100
73) Carbazole	11.604	167	1313050	33.23	ng		99
74) Di-n-butylphthalate	11.933	149	1514177	35.94	ng		100
75) Fluoranthene	12.586	202	1501052	34.11	ng		99
77) Benzidine	12.710	184	378195	22.81	ng	#	89
78) Pyrene	12.816	202	1510994	35.98	ng		100
80) Butylbenzylphthalate	13.433	149	644481	38.94	ng		98
81) Benzo(a)anthracene	14.004	228	1262393	33.96	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	126977	9.17	ng		98
83) Chrysene	14.045	228	1277757	34.13	ng		100
84) Bis(2-ethylhexyl)phtha...	13.998	149	853218	42.14	ng	#	98
85) Di-n-octyl phthalate	14.604	149	1403108	40.89	ng		95
87) Indeno(1,2,3-cd)pyrene	16.945	276	1117565	37.40	ng		99
88) Benzo(b)fluoranthene	15.057	252	1159757	35.96	ng		99
89) Benzo(k)fluoranthene	15.086	252	1088676	34.62	ng		100
90) Benzo(a)pyrene	15.421	252	976670	34.74	ng		99
91) Dibenzo(a,h)anthracene	16.956	278	926048	37.01	ng		98
92) Benzo(g,h,i)perylene	17.380	276	949912	39.03	ng		99

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

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