Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122620.D
Acq On : 9 Dec 2020 20:21
Operator : JU/CG
Sample : L4982-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-LA-36-5-WCMSD

Manual Integrations APPROVED
mohammad
12/10/2020 2:43:15 PM

Quant Time: Dec 10 02:50:48 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	6.839	152	199922	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	800752	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	435040	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	802198	20.00	ng	0.00
76) Chrysene-d12	14.010	240	649965	20.00	ng	0.00
86) Perylene-d12	15.468	264	564331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1128821	89.39	ng	0.00
7) Phenol-d6	6.475	99	1448903	86.51	ng	0.00
23) Nitrobenzene-d5	7.404	82	921482	57.66	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	438642	77.03	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1454925	45.23	ng	0.00
79) Terphenyl-d14	12.951	244	1535308	41.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	158669	26.73	ng	100
3) Pyridine	3.398	79	377165	24.04	ng	99
4) n-Nitrosodimethylamine	3.346	42	200471	31.86	ng	100
6) Aniline	6.504	93	603922	30.63	ng	97
8) 2-Chlorophenol	6.628	128	471015	33.84	ng	96
9) Benzaldehyde	6.386	77	215951	21.30	ng	100
10) Phenol	6.486	94	655561	37.78	ng	94
11) bis(2-Chloroethyl)ether	6.575	93	439188	33.13	ng	99
12) 1,3-Dichlorobenzene	6.781	146	500399	30.38	ng	99
13) 1,4-Dichlorobenzene	6.857	146	512179	30.84	ng	98
14) 1,2-Dichlorobenzene	7.010	146	487272	30.40	ng	99
15) Benzyl Alcohol	6.981	79	393027	34.08	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	572955	30.31	ng	99
17) 2-Methylphenol	7.098	107	388896	35.15	ng	99
18) Hexachloroethane	7.351	117	178125	30.10	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	312713	32.60	ng	100
20) 3+4-Methylphenols	7.245	107	455170	32.56	ng	97
22) Acetophenone	7.251	105	591870	29.73	ng	96
24) Nitrobenzene	7.422	77	485671	30.55	ng	98
25) Isophorone	7.663	82	864953	31.42	ng	99
26) 2-Nitrophenol	7.739	139	249542	32.18	ng	96
27) 2,4-Dimethylphenol	7.781	122	400599	35.25	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	552716	29.32	ng	99
29) 2,4-Dichlorophenol	7.981	162	408790	30.80	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	423779	28.18	ng	98
31) Naphthalene	8.145	128	1323992	29.96	ng	99
33) 4-Chloroaniline	8.192	127	533797	28.90	ng	98
34) Hexachlorobutadiene	8.263	225	244844	26.45	ng	98
35) Caprolactam	8.563	113	113278m	28.34	ng	
36) 4-Chloro-3-methylphenol	8.675	107	422084	32.28	ng	97
37) 2-Methylnaphthalene	8.839	142	890312	30.46	ng	98
38) 1-Methylnaphthalene	8.939	142	819009	29.62	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	414449	28.76	ng	99
41) Hexachlorocyclopentadiene	8.992	237	420368	65.98	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	284829	28.62	ng	99
44) 2,4,5-Trichlorophenol	9.157	196	309405	30.08	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.304	154	1067701	29.57	ng	97
47) 2-Chloronaphthalene	9.327	162	850439	28.43	ng	99
48) 2-Nitroaniline	9.422	65	255899	29.34	ng	93
49) Acenaphthylene	9.745	152	1309100	29.63	ng	99
50) Dimethylphthalate	9.604	163	1124802	32.37	ng	99
51) 2,6-Dinitrotoluene	9.663	165	234261	31.92	ng	94
52) Acenaphthene	9.916	154	803737m	28.12	ng	
53) 3-Nitroaniline	9.833	138	238742	28.16	ng	96
54) 2,4-Dinitrophenol	9.939	184	51166	14.26	ng	99
55) Dibenzofuran	10.086	168	1193643	29.68	ng	98
56) 4-Nitrophenol	9.998	139	340304	56.29	ng	92
57) 2,4-Dinitrotoluene	10.069	165	304219	31.12	ng	97
58) Fluorene	10.427	166	910040	28.45	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	245869	27.20	ng	99
60) Diethylphthalate	10.304	149	976675	28.90	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	445510	28.29	ng	94
62) 4-Nitroaniline	10.445	138	251915	29.27	ng	98
63) Azobenzene	10.580	77	912981	29.39	ng	98
65) 4,6-Dinitro-2-methylph...	10.474	198	85887	17.56	ng	91
66) n-Nitrosodiphenylamine	10.539	169	829667	29.27	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	304422	28.00	ng	94
68) Hexachlorobenzene	10.980	284	332417	27.66	ng	94
69) Atrazine	11.063	200	236174	25.66	ng	99
70) Pentachlorophenol	11.174	266	248474	39.03	ng	99
71) Phenanthrene	11.392	178	1385861	29.07	ng	99
72) Anthracene	11.445	178	1435457	30.36	ng	99
73) Carbazole	11.598	167	1310355	30.56	ng	99
74) Di-n-butylphthalate	11.927	149	1480725	27.49	ng	99
75) Fluoranthene	12.580	202	1476302	29.53	ng	99
77) Benzidine	12.698	184	415375	29.55	ng	99
78) Pyrene	12.810	202	1478100	29.41	ng	100
80) Butylbenzylphthalate	13.421	149	619566	27.37	ng	98
81) Benzo(a)anthracene	13.998	228	1270790	29.26	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	407408	26.19	ng	97
83) Chrysene	14.033	228	1266566	29.30	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	818398	26.40	ng	98
85) Di-n-octyl phthalate	14.598	149	1333612	25.94	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	1093593	29.52	ng	99
88) Benzo(b)fluoranthene	15.045	252	1204191	30.41	ng	98
89) Benzo(k)fluoranthene	15.074	252	1094354	30.23	ng	98
90) Benzo(a)pyrene	15.404	252	991269	28.62	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	910505	30.03	ng	99
92) Benzo(g,h,i)perylene	17.362	276	919178	31.33	ng	100

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

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