Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
Data File : BF122230.D
Acq On : 2 Nov 2020 17:24
Operator : JU/CG
Sample : L4541-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
124031MSD

Manual Integrations APPROVED
mohammad
11/3/2020 10:02:16 AM

Quant Time: Nov 02 18:10:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	75027	20.00	ng		-0.01
21) Naphthalene-d8	7.992	136	303665	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	160298	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	314884	20.00	ng		0.00
76) Chrysene-d12	13.886	240	223039	20.00	ng		0.00
86) Perylene-d12	15.321	264	215524	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	648276	127.53	ng		0.00
7) Phenol-d6	6.369	99	787266	120.31	ng		0.00
23) Nitrobenzene-d5	7.281	82	513385	86.70	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	253449	127.82	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	802410	73.65	ng		0.00
79) Terphenyl-d14	12.816	244	854657	73.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.399	88	91612	40.98	ng		99
3) Pyridine	3.128	79	259819	44.20	ng		99
4) n-Nitrosodimethylamine	3.081	42	137750	48.48	ng		93
6) Aniline	6.381	93	183861	22.82	ng	#	1
8) 2-Chlorophenol	6.504	128	253258	49.29	ng		98
9) Benzaldehyde	6.269	77	76309	17.29	ng		98
10) Phenol	6.381	94	358700	53.12	ng		94
11) bis(2-Chloroethyl)ether	6.445	93	241231	46.21	ng		100
12) 1,3-Dichlorobenzene	6.645	146	268405	46.44	ng		99
13) 1,4-Dichlorobenzene	6.722	146	274103	47.24	ng		100
14) 1,2-Dichlorobenzene	6.875	146	250221	47.17	ng		98
15) Benzyl Alcohol	6.869	79	218685	51.67	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.981	45	366419	45.61	ng		85
17) 2-Methylphenol	6.992	107	207066	47.14	ng	#	88
18) Hexachloroethane	7.210	117	100091	47.76	ng		96
19) n-Nitroso-di-n-propyla...	7.134	70	186691	50.11	ng		99
20) 3+4-Methylphenols	7.151	107	282689	53.36	ng	#	59
22) Acetophenone	7.128	105	353209	45.21	ng	#	89
24) Nitrobenzene	7.304	77	286715	45.30	ng		97
25) Isophorone	7.539	82	490282	43.79	ng		99
26) 2-Nitrophenol	7.616	139	135941	46.64	ng		90
27) 2,4-Dimethylphenol	7.663	122	223546	44.99	ng		96
28) bis(2-Chloroethoxy)met...	7.745	93	302529	43.19	ng		99
29) 2,4-Dichlorophenol	7.875	162	217965	46.85	ng		99
30) 1,2,4-Trichlorobenzene	7.939	180	213537	43.16	ng		100
31) Naphthalene	8.016	128	723636	44.48	ng		100
32) Benzoic acid	7.845	122	121928	43.75	ng		94
33) 4-Chloroaniline	8.086	127	91770	13.24	ng		98
34) Hexachlorobutadiene	8.122	225	130443	44.47	ng		100
35) Caprolactam	8.463	113	74481m	50.41	ng		
36) 4-Chloro-3-methylphenol	8.581	107	243187	48.67	ng		98
37) 2-Methylnaphthalene	8.704	142	474069	45.00	ng		98
38) 1-Methylnaphthalene	8.804	142	436909	44.78	ng		100
40) 1,2,4,5-Tetrachloroben...	8.875	216	223938	43.28	ng		100
41) Hexachlorocyclopentadiene	8.851	237	63175	50.94	ng		99
43) 2,4,6-Trichlorophenol	8.998	196	146292	45.83	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	146953	42.63	ng		99
46) 1,1'-Biphenyl	9.169	154	567953	43.58	ng		99
47) 2-Chloronaphthalene	9.198	162	448909	44.29	ng		99
48) 2-Nitroaniline	9.310	65	166793	49.89	ng		95
49) Acenaphthylene	9.610	152	697043	44.78	ng		100
50) Dimethylphthalate	9.475	163	664185	56.66	ng		99
51) 2,6-Dinitrotoluene	9.551	165	117873	45.84	ng		97
52) Acenaphthene	9.780	154	421089	45.47	ng		99
53) 3-Nitroaniline	9.728	138	65858	22.52	ng		98
54) 2,4-Dinitrophenol	9.851	184	100733	77.12	ng	#	85
55) Dibenzofuran	9.957	168	620655	45.83	ng		96
56) 4-Nitrophenol	9.928	139	69022m	43.39	ng		
57) 2,4-Dinitrotoluene	9.963	165	164727	52.04	ng		92
58) Fluorene	10.298	166	519684	47.63	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	132126	49.54	ng		97
60) Diethylphthalate	10.175	149	527214	46.64	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	243771	46.59	ng		96
62) 4-Nitroaniline	10.351	138	122859	42.05	ng		93
63) Azobenzene	10.445	77	560178	46.86	ng		97
65) 4,6-Dinitro-2-methylph...	10.380	198	85367	41.16	ng		95
66) n-Nitrosodiphenylamine	10.410	169	477281	44.00	ng		99
67) 4-Bromophenyl-phenylether	10.775	248	159243	43.77	ng		97
68) Hexachlorobenzene	10.845	284	183201	44.49	ng		98
69) Atrazine	10.939	200	126149	47.56	ng		99
70) Pentachlorophenol	11.057	266	122629	76.17	ng		96
71) Phenanthrene	11.263	178	826154	47.85	ng		100
72) Anthracene	11.316	178	826765	46.17	ng		99
73) Carbazole	11.474	167	744289	46.75	ng		98
74) Di-n-butylphthalate	11.792	149	828971	45.25	ng		99
75) Fluoranthene	12.451	202	985114	53.21	ng		99
77) Benzidine	12.580	184	251440	36.57	ng		99
78) Pyrene	12.680	202	957597	56.34	ng		100
80) Butylbenzylphthalate	13.292	149	337196	50.03	ng		95
81) Benzo(a)anthracene	13.874	228	735681	50.34	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	143450	26.46	ng		100
83) Chrysene	13.910	228	705256	49.15	ng		100
84) Bis(2-ethylhexyl)phtha...	13.845	149	433665	47.39	ng		100
85) Di-n-octyl phthalate	14.457	149	680653	45.98	ng		99
87) Indeno(1,2,3-cd)pyrene	16.751	276	728559	52.06	ng		97
88) Benzo(b)fluoranthene	14.910	252	729075	50.04	ng		100
89) Benzo(k)fluoranthene	14.939	252	582650	42.10	ng		100
90) Benzo(a)pyrene	15.262	252	608894	48.39	ng		99
91) Dibenzo(a,h)anthracene	16.745	278	570223	49.49	ng		98
92) Benzo(g,h,i)perylene	17.168	276	622517	53.98	ng		98

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

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