Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
Data File : BF122167.D
Acq On : 29 Oct 2020 16:42
Operator : JU/CG
Sample : L4547-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027MSD

Manual Integrations APPROVED
mohammad
10/30/2020 12:10:19 PM

Quant Time: Oct 29 17:05:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 17:27:32 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	95736	20.00	ng		0.00
21) Naphthalene-d8	7.998	136	388051	20.00	ng		0.00
39) Acenaphthene-d10	9.751	164	199904	20.00	ng		0.00
64) Phenanthrene-d10	11.239	188	375552	20.00	ng		0.00
76) Chrysene-d12	13.880	240	297186	20.00	ng		0.00
86) Perylene-d12	15.315	264	260989	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	682173	105.17	ng		0.01
7) Phenol-d6	6.375	99	816253	97.75	ng		0.00
23) Nitrobenzene-d5	7.287	82	543148	71.78	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	247231	99.98	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	800782	58.94	ng		0.00
79) Terphenyl-d14	12.821	244	905404	58.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.422	88	93071	32.62	ng		98
3) Pyridine	3.146	79	259058	34.54	ng		96
4) n-Nitrosodimethylamine	3.104	42	148204	40.88	ng		91
6) Aniline	6.381	93	308649	30.02	ng	#	40
8) 2-Chlorophenol	6.510	128	261455	39.88	ng		97
9) Benzaldehyde	6.275	77	84729	14.62	ng		99
10) Phenol	6.387	94	361760	41.98	ng		92
11) bis(2-Chloroethyl)ether	6.451	93	262642	39.42	ng		99
12) 1,3-Dichlorobenzene	6.651	146	274508	37.22	ng		99
13) 1,4-Dichlorobenzene	6.734	146	280547	37.89	ng		98
14) 1,2-Dichlorobenzene	6.887	146	262181	38.74	ng		99
15) Benzyl Alcohol	6.875	79	228992	42.40	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.992	45	382316	37.29	ng	#	25
17) 2-Methylphenol	6.992	107	208441	37.18	ng	#	88
18) Hexachloroethane	7.216	117	102000	38.14	ng		99
19) n-Nitroso-di-n-propyla...	7.139	70	193490	40.70	ng		98
20) 3+4-Methylphenols	7.145	107	282702	41.82	ng	#	67
22) Acetophenone	7.134	105	360636	36.12	ng	#	89
24) Nitrobenzene	7.304	77	293826	36.33	ng		99
25) Isophorone	7.545	82	506648	35.41	ng		99
26) 2-Nitrophenol	7.622	139	136998	36.78	ng		91
27) 2,4-Dimethylphenol	7.669	122	227056	35.76	ng		98
28) bis(2-Chloroethoxy)met...	7.751	93	317008	35.41	ng		99
29) 2,4-Dichlorophenol	7.875	162	218034	36.67	ng		99
30) 1,2,4-Trichlorobenzene	7.939	180	219336	34.69	ng		98
31) Naphthalene	8.022	128	737629	35.48	ng		100
32) Benzoic acid	7.804	122	20538	12.44	ng		96
33) 4-Chloroaniline	8.081	127	240465	27.16	ng		98
34) Hexachlorobutadiene	8.133	225	131303	35.03	ng		99
35) Caprolactam	8.457	113	73879m	39.13	ng		
36) 4-Chloro-3-methylphenol	8.581	107	235474	36.87	ng		96
37) 2-Methylnaphthalene	8.710	142	469509	34.87	ng		98
38) 1-Methylnaphthalene	8.810	142	435035	34.89	ng		99
40) 1,2,4,5-Tetrachloroben...	8.881	216	224999	34.87	ng		99
41) Hexachlorocyclopentadiene	8.857	237	53104	40.28	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	141201	35.47	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	145185	33.77	ng		96
46) 1,1'-Biphenyl	9.175	154	568433	34.97	ng		98
47) 2-Chloronaphthalene	9.198	162	448055	35.45	ng		99
48) 2-Nitroaniline	9.310	65	158031	37.90	ng		98
49) Acenaphthylene	9.610	152	667254	34.37	ng		100
50) Dimethylphthalate	9.480	163	619283	42.37	ng		99
51) 2,6-Dinitrotoluene	9.551	165	117138	36.53	ng		95
52) Acenaphthene	9.780	154	409014	35.42	ng		99
53) 3-Nitroaniline	9.728	138	108779	29.83	ng		95
54) 2,4-Dinitrophenol	9.851	184	58381	40.49	ng	#	88
55) Dibenzofuran	9.957	168	590304	34.95	ng		97
56) 4-Nitrophenol	9.916	139	79569	40.11	ng	#	81
57) 2,4-Dinitrotoluene	9.963	165	155537	39.40	ng		98
58) Fluorene	10.298	166	487174	35.80	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	123088	37.01	ng		99
60) Diethylphthalate	10.175	149	521507	37.00	ng		98
61) 4-Chlorophenyl-phenyle...	10.286	204	231393	35.46	ng		92
62) 4-Nitroaniline	10.345	138	122730	33.69	ng		94
63) Azobenzene	10.451	77	534871	35.88	ng		98
65) 4,6-Dinitro-2-methylph...	10.380	198	78657	32.80	ng		97
66) n-Nitrosodiphenylamine	10.410	169	451594	34.91	ng		98
67) 4-Bromophenyl-phenylether	10.775	248	150480	34.68	ng		95
68) Hexachlorobenzene	10.851	284	171975	35.02	ng		96
69) Atrazine	10.939	200	126601	40.02	ng		99
70) Pentachlorophenol	11.057	266	107148	57.92	ng		99
71) Phenanthrene	11.263	178	716155	34.78	ng		99
72) Anthracene	11.316	178	741685	34.73	ng		99
73) Carbazole	11.474	167	689717	36.32	ng		99
74) Di-n-butylphthalate	11.792	149	785988	35.98	ng		99
75) Fluoranthene	12.451	202	779427	35.30	ng		99
77) Benzidine	12.580	184	350415	38.25	ng		99
78) Pyrene	12.680	202	795048	35.11	ng		99
80) Butylbenzylphthalate	13.292	149	329330	36.67	ng		96
81) Benzo(a)anthracene	13.874	228	688092	35.33	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	196597	27.21	ng		99
83) Chrysene	13.910	228	653137	34.16	ng		100
84) Bis(2-ethylhexyl)phtha...	13.845	149	464425	38.09	ng		99
85) Di-n-octyl phthalate	14.457	149	726120	36.82	ng		100
87) Indeno(1,2,3-cd)pyrene	16.727	276	602874	35.58	ng		98
88) Benzo(b)fluoranthene	14.904	252	633416	35.90	ng		99
89) Benzo(k)fluoranthene	14.933	252	539699	32.20	ng		99
90) Benzo(a)pyrene	15.257	252	519197	34.07	ng		100
91) Dibenzo(a,h)anthracene	16.727	278	506955	36.33	ng		98
92) Benzo(g,h,i)perylene	17.151	276	517574	37.06	ng		96

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

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