Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
Data File : BF122166.D
Acq On : 29 Oct 2020 16:10
Operator : JU/CG
Sample : L4547-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
10/30/2020 12:10:17 PM

Quant Time: Oct 29 16:33:10 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	93830	20.00	ng		0.00
21) Naphthalene-d8	7.998	136	374875	20.00	ng		0.00
39) Acenaphthene-d10	9.751	164	194984	20.00	ng		0.00
64) Phenanthrene-d10	11.239	188	371020	20.00	ng		0.00
76) Chrysene-d12	13.880	240	281912	20.00	ng		0.00
86) Perylene-d12	15.315	264	244621	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	665800	104.73	ng		0.00
7) Phenol-d6	6.375	99	793736	96.99	ng		0.00
23) Nitrobenzene-d5	7.287	82	522407	71.47	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	246730	102.29	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	788078	59.47	ng		0.00
79) Terphenyl-d14	12.816	244	879366	59.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.410	88	87722	31.37	ng		98
3) Pyridine	3.140	79	255169	34.71	ng		99
4) n-Nitrosodimethylamine	3.093	42	144313	40.61	ng		98
6) Aniline	6.381	93	304662	30.23	ng	#	42
8) 2-Chlorophenol	6.510	128	251767	39.18	ng		97
9) Benzaldehyde	6.275	77	82037	14.41	ng		99
10) Phenol	6.387	94	348235	41.23	ng		91
11) bis(2-Chloroethyl)ether	6.451	93	255201	39.09	ng		99
12) 1,3-Dichlorobenzene	6.651	146	268079	37.09	ng		98
13) 1,4-Dichlorobenzene	6.734	146	274666	37.85	ng		98
14) 1,2-Dichlorobenzene	6.887	146	254478	38.36	ng		99
15) Benzyl Alcohol	6.875	79	221973	41.94	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.992	45	375977	37.42	ng	#	24
17) 2-Methylphenol	6.992	107	205232	37.36	ng	#	88
18) Hexachloroethane	7.216	117	98562	37.60	ng		100
19) n-Nitroso-di-n-propyla...	7.140	70	186864	40.10	ng		98
20) 3+4-Methylphenols	7.151	107	274196	41.39	ng	#	61
22) Acetophenone	7.134	105	352619	36.56	ng	#	89
24) Nitrobenzene	7.304	77	283565	36.29	ng		97
25) Isophorone	7.545	82	494867	35.80	ng		99
26) 2-Nitrophenol	7.622	139	132287	36.77	ng		92
27) 2,4-Dimethylphenol	7.669	122	219634	35.81	ng		98
28) bis(2-Chloroethoxy)met...	7.751	93	307137	35.52	ng		99
29) 2,4-Dichlorophenol	7.875	162	211469	36.82	ng		99
30) 1,2,4-Trichlorobenzene	7.939	180	213905	35.02	ng		98
31) Naphthalene	8.022	128	712525	35.48	ng		99
32) Benzoic acid	7.804	122	16828	11.72	ng		98
33) 4-Chloroaniline	8.081	127	227186	26.56	ng		99
34) Hexachlorobutadiene	8.134	225	128111	35.38	ng		99
35) Caprolactam	8.457	113	71746m	39.33	ng		
36) 4-Chloro-3-methylphenol	8.581	107	232374	37.67	ng		97
37) 2-Methylnaphthalene	8.710	142	457021	35.14	ng		99
38) 1-Methylnaphthalene	8.810	142	424947	35.28	ng		100
40) 1,2,4,5-Tetrachloroben...	8.881	216	217508	34.56	ng		100
41) Hexachlorocyclopentadiene	8.857	237	48194	38.59	ng		98
43) 2,4,6-Trichlorophenol	8.998	196	138052	35.55	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	141110	33.65	ng		96
46) 1,1'-Biphenyl	9.175	154	554957	35.00	ng		98
47) 2-Chloronaphthalene	9.198	162	431542	35.00	ng		99
48) 2-Nitroaniline	9.310	65	154463	37.98	ng		98
49) Acenaphthylene	9.610	152	651398	34.40	ng		100
50) Dimethylphthalate	9.481	163	611836	42.91	ng		99
51) 2,6-Dinitrotoluene	9.551	165	116344	37.20	ng		93
52) Acenaphthene	9.781	154	397237	35.27	ng		100
53) 3-Nitroaniline	9.722	138	106525	29.95	ng		96
54) 2,4-Dinitrophenol	9.851	184	54093	38.90	ng	#	87
55) Dibenzofuran	9.957	168	578351	35.11	ng		96
56) 4-Nitrophenol	9.916	139	77438	40.02	ng	#	81
57) 2,4-Dinitrotoluene	9.963	165	151845	39.44	ng		97
58) Fluorene	10.298	166	478161	36.03	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	121286	37.38	ng		99
60) Diethylphthalate	10.175	149	509485	37.06	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	230185	36.17	ng		93
62) 4-Nitroaniline	10.345	138	118552	33.36	ng		96
63) Azobenzene	10.451	77	523160	35.98	ng		98
65) 4,6-Dinitro-2-methylph...	10.380	198	74091	31.48	ng		99
66) n-Nitrosodiphenylamine	10.410	169	442601	34.63	ng		99
67) 4-Bromophenyl-phenylether	10.775	248	148520	34.65	ng		94
68) Hexachlorobenzene	10.851	284	169254	34.89	ng		95
69) Atrazine	10.939	200	127320	40.74	ng		98
70) Pentachlorophenol	11.057	266	101424	55.83	ng		99
71) Phenanthrene	11.263	178	706404	34.72	ng		100
72) Anthracene	11.316	178	728291	34.52	ng		98
73) Carbazole	11.475	167	675302	36.00	ng		99
74) Di-n-butylphthalate	11.792	149	777144	36.01	ng		99
75) Fluoranthene	12.451	202	763549	35.00	ng		98
77) Benzidine	12.580	184	313017	36.02	ng		100
78) Pyrene	12.680	202	767811	35.74	ng		99
80) Butylbenzylphthalate	13.292	149	318113	37.34	ng		98
81) Benzo(a)anthracene	13.874	228	652917	35.34	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	186201	27.17	ng		99
83) Chrysene	13.910	228	626917	34.57	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	445009	38.47	ng		99
85) Di-n-octyl phthalate	14.457	149	692053	36.99	ng		100
87) Indeno(1,2,3-cd)pyrene	16.727	276	564808	35.56	ng		98
88) Benzo(b)fluoranthene	14.904	252	596250	36.06	ng		100
89) Benzo(k)fluoranthene	14.933	252	510034	32.47	ng		99
90) Benzo(a)pyrene	15.257	252	489385	34.27	ng		100
91) Dibenzo(a,h)anthracene	16.727	278	469699	35.92	ng		98
92) Benzo(g,h,i)perylene	17.151	276	485102	37.06	ng		97

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

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