Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047961.D
Acq On : 21 Jan 2021 20:03
Operator : CG/JU
Sample : M1169-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-CMSD

Manual Integrations APPROVED
mohammad
1/22/2021 11:55:25 AM

Quant Time: Jan 21 23:41:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 21 14:42:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.152	152	47830	20.00	ng		0.00
21) Naphthalene-d8	10.967	136	190097	20.00	ng		# 0.00
39) Acenaphthene-d10	14.768	164	140068	20.00	ng		0.00
64) Phenanthrene-d10	17.512	188	339135	20.00	ng		# 0.00
76) Chrysene-d12	21.795	240	348418	20.00	ng		# 0.00
86) Perylene-d12	25.103	264	357602	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.702	112	366974	125.13	ng		0.00
7) Phenol-d6	7.295	99	478637	108.12	ng		0.00
23) Nitrobenzene-d5	9.310	82	346666	80.19	ng		0.00
42) 2,4,6-Tribromophenol	16.255	330	274981	122.68	ng		0.00
45) 2-Fluorobiphenyl	13.399	172	784861	74.83	ng		0.00
79) Terphenyl-d14	20.115	244	1339012	71.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	43891	32.97	ng	#	20
3) Pyridine	4.004	79	104268	25.64	ng	#	87
4) n-Nitrosodimethylamine	3.904	42	83623	40.98	ng	#	74
6) Aniline	7.465	93	81471	15.42	ng		92
8) 2-Chlorophenol	7.712	128	144100	47.74	ng		91
9) Benzaldehyde	7.277	77	108474	44.15	ng		85
10) Phenol	7.324	94	200760	47.89	ng		75
11) bis(2-Chloroethyl)ether	7.559	93	136256	41.31	ng		88
12) 1,3-Dichlorobenzene	8.041	146	156023	40.64	ng	#	92
13) 1,4-Dichlorobenzene	8.188	146	155375	40.36	ng		97
14) 1,2-Dichlorobenzene	8.505	146	150327m	40.67	ng		
15) Benzyl Alcohol	8.381	79	164039	44.35	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.675	45	219795	39.39	ng		99
17) 2-Methylphenol	8.581	107	128035	45.72	ng	#	89
18) Hexachloroethane	9.239	117	58383	40.34	ng		95
19) n-Nitroso-di-n-propyla...	8.957	70	126853	40.49	ng		92
20) 3+4-Methylphenols	8.904	107	173460	45.11	ng		88
22) Acetophenone	8.969	105	231527	41.26	ng	#	90
24) Nitrobenzene	9.357	77	187519	42.96	ng	#	86
25) Isophorone	9.880	82	340674	41.96	ng	#	94
26) 2-Nitrophenol	10.068	139	79909	49.02	ng	#	78
27) 2,4-Dimethylphenol	10.121	122	129649	47.77	ng		88
28) bis(2-Chloroethoxy)met...	10.362	93	190655	39.48	ng		94
29) 2,4-Dichlorophenol	10.602	162	154010	45.49	ng		96
30) 1,2,4-Trichlorobenzene	10.826	180	176551	40.78	ng		94
31) Naphthalene	11.014	128	436763	41.46	ng		100
32) Benzoic acid	10.250	122	91123	42.39	ng	#	81
33) 4-Chloroaniline	11.114	127	16441	3.53	ng	#	81
34) Hexachlorobutadiene	11.302	225	125265	38.83	ng		97
35) Caprolactam	11.889	113	42382m	33.23	ng		
36) 4-Chloro-3-methylphenol	12.218	107	172513	45.78	ng		84
37) 2-Methylnaphthalene	12.612	142	338065	42.28	ng	#	95
38) 1-Methylnaphthalene	12.829	142	318649	42.57	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.970	216	227858	42.62	ng	#	98
41) Hexachlorocyclopentadiene	12.958	237	200740	70.26	ng		95
43) 2,4,6-Trichlorophenol	13.205	196	155284	45.48	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.276	196	168047	48.05	ng	#	92
46) 1,1'-Biphenyl	13.611	154	452091	42.34	ng		98
47) 2-Chloronaphthalene	13.652	162	353948	40.92	ng		95
48) 2-Nitroaniline	13.846	65	127985	42.37	ng	#	77
49) Acenaphthylene	14.498	152	565663	41.69	ng		99
50) Dimethylphthalate	14.222	163	500691	41.12	ng		99
51) 2,6-Dinitrotoluene	14.339	165	104785	44.70	ng	#	69
52) Acenaphthene	14.839	154	390286	43.37	ng		98
53) 3-Nitroaniline	14.662	138	40788	15.95	ng		82
54) 2,4-Dinitrophenol	14.868	184	71117	52.96	ng	#	80
55) Dibenzofuran	15.168	168	562775	42.06	ng		93
56) 4-Nitrophenol	14.962	139	168423	84.35	ng	#	58
57) 2,4-Dinitrotoluene	15.121	165	145927	44.37	ng	#	73
58) Fluorene	15.820	166	478685	42.13	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.391	232	164923	45.41	ng	#	97
60) Diethylphthalate	15.585	149	470575	39.40	ng		96
61) 4-Chlorophenyl-phenyle...	15.808	204	280185	41.25	ng		99
62) 4-Nitroaniline	15.826	138	92715	32.93	ng	#	56
63) Azobenzene	16.102	77	479529	40.96	ng		90
65) 4,6-Dinitro-2-methylph...	15.884	198	59852	35.04	ng		90
66) n-Nitrosodiphenylamine	16.020	169	433193	43.76	ng		96
67) 4-Bromophenyl-phenylether	16.701	248	192157	42.72	ng		95
68) Hexachlorobenzene	16.819	284	204461	42.83	ng		97
69) Atrazine	16.966	200	152527	41.29	ng		99
70) Pentachlorophenol	17.159	266	252465	91.81	ng		96
71) Phenanthrene	17.559	178	778359	42.44	ng		99
72) Anthracene	17.647	178	785955	43.77	ng		99
73) Carbazole	17.911	167	690199	42.14	ng		98
74) Di-n-butylphthalate	18.470	149	793987	40.72	ng	#	98
75) Fluoranthene	19.557	202	1002674	41.07	ng		96
77) Benzidine	19.727	184	147418	16.54	ng		99
78) Pyrene	19.921	202	990281	42.01	ng		98
80) Butylbenzylphthalate	20.802	149	350867	42.01	ng	#	85
81) Benzo(a)anthracene	21.778	228	1026112	42.64	ng		99
82) 3,3'-Dichlorobenzidine	21.684	252	168710	20.26	ng	#	95
83) Chrysene	21.848	228	971528	42.16	ng		99
84) Bis(2-ethylhexyl)phtha...	21.689	149	503587	42.42	ng		99
85) Di-n-octyl phthalate	22.941	149	871396	43.82	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.887	276	1216216	44.44	ng	#	89
88) Benzo(b)fluoranthene	24.057	252	1077256	45.28	ng	#	96
89) Benzo(k)fluoranthene	24.128	252	1013180	43.85	ng	#	97
90) Benzo(a)pyrene	24.950	252	964088	43.02	ng	#	98
91) Dibenzo(a,h)anthracene	28.963	278	1011917	45.34	ng	#	96
92) Benzo(g,h,i)perylene	30.068	276	997100	45.70	ng	#	94

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

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