Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048505.D
Acq On : 25 Mar 2021 17:04
Operator : CG/JU
Sample : M1682-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMS

Manual Integrations APPROVED
mohammad
3/26/2021 1:20:52 PM

Quant Time: Mar 25 17:50:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 02:47:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	50489	20.00	ng	# 0.00
21) Naphthalene-d8	10.925	136	196547	20.00	ng	# 0.00
39) Acenaphthene-d10	14.744	164	135183	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	300790	20.00	ng	# 0.00
76) Chrysene-d12	21.783	240	299181	20.00	ng	0.00
86) Perylene-d12	25.115	264	320874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	274115	89.78	ng	0.00
7) Phenol-d6	7.259	99	365383	82.24	ng	0.00
23) Nitrobenzene-d5	9.269	82	268756	54.67	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	177194	80.60	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	523138	55.67	ng	0.00
79) Terphenyl-d14	20.097	244	826451	49.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.516	88	42545	33.03	ng	# 89
3) Pyridine	3.922	79	125541	34.96	ng	# 86
4) n-Nitrosodimethylamine	3.834	42	83678	40.10	ng	# 61
6) Aniline	7.418	93	97855	18.62	ng	# 91
8) 2-Chlorophenol	7.665	128	145659	45.75	ng	91
9) Benzaldehyde	7.230	77	124581	54.80	ng	82
10) Phenol	7.283	94	206764	45.42	ng	74
11) bis(2-Chloroethyl)ether	7.512	93	131440	41.21	ng	98
12) 1,3-Dichlorobenzene	7.988	146	154974	40.92	ng	# 88
13) 1,4-Dichlorobenzene	8.135	146	149817m	39.85	ng	
14) 1,2-Dichlorobenzene	8.458	146	147884	41.00	ng	95
15) Benzyl Alcohol	8.334	79	159769	40.51	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.622	45	137291	37.64	ng	87
17) 2-Methylphenol	8.546	107	127835	44.29	ng	# 86
18) Hexachloroethane	9.192	117	61289	42.38	ng	89
19) n-Nitroso-di-n-propyla...	8.904	70	124902	37.88	ng	# 97
20) 3+4-Methylphenols	8.869	107	174891	44.23	ng	86
22) Acetophenone	8.928	105	223796	40.49	ng	# 92
24) Nitrobenzene	9.310	77	196470	37.31	ng	# 83
25) Isophorone	9.833	82	336032	35.71	ng	# 91
26) 2-Nitrophenol	10.026	139	80410	40.17	ng	# 69
27) 2,4-Dimethylphenol	10.079	122	144126	46.14	ng	91
28) bis(2-Chloroethoxy)met...	10.320	93	181381	42.53	ng	# 97
29) 2,4-Dichlorophenol	10.567	162	148876	41.08	ng	96
30) 1,2,4-Trichlorobenzene	10.779	180	161360	36.83	ng	94
31) Naphthalene	10.972	128	426099	39.10	ng	98
32) Benzoic acid	10.220	122	108692	44.72	ng	# 86
33) 4-Chloroaniline	11.078	127	45511	9.77	ng	# 86
34) Hexachlorobutadiene	11.254	225	117535	33.84	ng	97
35) Caprolactam	11.854	113	52080m	40.25	ng	
36) 4-Chloro-3-methylphenol	12.200	107	171295	40.71	ng	86
37) 2-Methylnaphthalene	12.576	142	326621	39.27	ng	# 93
38) 1-Methylnaphthalene	12.794	142	306543m	39.19	ng	
40) 1,2,4,5-Tetrachloroben...	12.941	216	185052	37.49	ng	# 94
41) Hexachlorocyclopentadiene	12.917	237	242131	75.87	ng	96
43) 2,4,6-Trichlorophenol	13.176	196	132321	39.55	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	143514	38.97	ng	#	92
46) 1,1'-Biphenyl	13.575	154	419395	43.23	ng		96
47) 2-Chloronaphthalene	13.622	162	325649	41.63	ng		95
48) 2-Nitroaniline	13.816	65	122395	42.27	ng	#	79
49) Acenaphthylene	14.468	152	537627	42.45	ng		99
50) Dimethylphthalate	14.192	163	434703	39.51	ng		97
51) 2,6-Dinitrotoluene	14.310	165	89543	37.82	ng	#	56
52) Acenaphthene	14.809	154	326713	38.38	ng		97
53) 3-Nitroaniline	14.639	138	37111	16.37	ng	#	72
54) 2,4-Dinitrophenol	14.844	184	120097	83.10	ng	#	55
55) Dibenzofuran	15.144	168	498581	39.32	ng		93
56) 4-Nitrophenol	14.950	139	164315	80.99	ng	#	40
57) 2,4-Dinitrotoluene	15.097	165	132142	39.30	ng	#	69
58) Fluorene	15.790	166	403291	37.90	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.367	232	129765	35.71	ng	#	86
60) Diethylphthalate	15.549	149	443041	41.19	ng		95
61) 4-Chlorophenyl-phenyle...	15.779	204	228762	37.37	ng		91
62) 4-Nitroaniline	15.808	138	86622	34.88	ng	#	44
63) Azobenzene	16.072	77	442552	37.81	ng		86
65) 4,6-Dinitro-2-methylph...	15.861	198	77119	40.71	ng	#	75
66) n-Nitrosodiphenylamine	15.996	169	368889	42.33	ng		98
67) 4-Bromophenyl-phenylether	16.678	248	148401	39.17	ng	#	93
68) Hexachlorobenzene	16.795	284	166847	41.10	ng	#	93
69) Atrazine	16.942	200	157397	44.91	ng		96
70) Pentachlorophenol	17.142	266	221242	81.99	ng		95
71) Phenanthrene	17.535	178	695752	43.79	ng		97
72) Anthracene	17.629	178	679764	43.12	ng		99
73) Carbazole	17.894	167	623060	41.45	ng		98
74) Di-n-butylphthalate	18.446	149	733478	44.08	ng	#	97
75) Fluoranthene	19.545	202	874758	41.35	ng		96
77) Benzidine	19.721	184	294273	32.84	ng		99
78) Pyrene	19.909	202	884363	43.04	ng		96
80) Butylbenzylphthalate	20.784	149	342670	46.92	ng		87
81) Benzo(a)anthracene	21.766	228	884101	42.61	ng		99
82) 3,3'-Dichlorobenzidine	21.678	252	162395	21.69	ng	#	93
83) Chrysene	21.836	228	818971	41.17	ng		98
84) Bis(2-ethylhexyl)phtha...	21.660	149	493914	48.95	ng		95
85) Di-n-octyl phthalate	22.917	149	846466	50.10	ng		96
87) Indeno(1,2,3-cd)pyrene	28.934	276	1040248	42.51	ng	#	88
88) Benzo(b)fluoranthene	24.057	252	940648	41.60	ng	#	96
89) Benzo(k)fluoranthene	24.128	252	849094	39.80	ng	#	96
90) Benzo(a)pyrene	24.962	252	822058	39.87	ng	#	95
91) Dibenzo(a,h)anthracene	29.010	278	850554	40.75	ng	#	95
92) Benzo(g,h,i)perylene	30.132	276	855400	42.23	ng	#	93

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

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