Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032421\
Data File : BG048490.D
Acq On : 24 Mar 2021 15:37
Operator : CG/JU
Sample : M1770-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-106SMS

Manual Integrations APPROVED
mohammad
3/25/2021 11:49:52 AM

Quant Time: Mar 24 16:15:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 24 12:36:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.103	152	52160	20.00	ng		0.00
21) Naphthalene-d8	10.923	136	211750	20.00	ng		# 0.00
39) Acenaphthene-d10	14.748	164	153014	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	318886	20.00	ng		# 0.00
76) Chrysene-d12	21.787	240	291902	20.00	ng		0.00
86) Perylene-d12	25.124	264	307309	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.653	112	271820	86.18	ng		0.00
7) Phenol-d6	7.257	99	229187	49.94	ng		0.00
23) Nitrobenzene-d5	9.272	82	482132	91.04	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	326018	131.01	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	961823	90.42	ng		0.00
79) Terphenyl-d14	20.107	244	1428715	88.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.520	88	28883	21.70	ng	#	87
3) Pyridine	3.931	79	68876	18.57	ng	#	86
4) n-Nitrosodimethylamine	3.837	42	51275	23.78	ng	#	63
6) Aniline	7.421	93	101680	18.73	ng		96
8) 2-Chlorophenol	7.668	128	168386	51.19	ng		94
9) Benzaldehyde	7.233	77	169092	75.84	ng	#	81
10) Phenol	7.280	94	101397	21.56	ng		76
11) bis(2-Chloroethyl)ether	7.515	93	171383	52.01	ng		98
12) 1,3-Dichlorobenzene	7.991	146	180322	46.08	ng	#	89
13) 1,4-Dichlorobenzene	8.138	146	178866	46.05	ng	#	93
14) 1,2-Dichlorobenzene	8.461	146	175404m	47.07	ng		
15) Benzyl Alcohol	8.338	79	148786	36.51	ng		85
16) 2,2'-oxybis(1-Chloropr...	8.626	45	180653	47.94	ng		83
17) 2-Methylphenol	8.544	107	133909	44.90	ng	#	88
18) Hexachloroethane	9.196	117	70526	47.20	ng		89
19) n-Nitroso-di-n-propyla...	8.908	70	167793	49.25	ng		95
20) 3+4-Methylphenols	8.873	107	165797	40.58	ng		89
22) Acetophenone	8.925	105	293842	49.34	ng	#	93
24) Nitrobenzene	9.313	77	250055	44.07	ng	#	82
25) Isophorone	9.836	82	457387	45.12	ng	#	90
26) 2-Nitrophenol	10.030	139	101410	47.03	ng	#	60
27) 2,4-Dimethylphenol	10.083	122	178025	52.90	ng		95
28) bis(2-Chloroethoxy)met...	10.318	93	242683	52.82	ng		98
29) 2,4-Dichlorophenol	10.571	162	192248	49.24	ng		94
30) 1,2,4-Trichlorobenzene	10.782	180	197581	41.86	ng		98
31) Naphthalene	10.976	128	534014	45.49	ng		98
32) Benzoic acid	10.171	122	34080	13.01	ng		91
33) 4-Chloroaniline	11.076	127	52493	10.46	ng	#	89
34) Hexachlorobutadiene	11.258	225	139234	37.21	ng		98
35) Caprolactam	11.857	113	12399m	8.89	ng		
36) 4-Chloro-3-methylphenol	12.198	107	220111	48.56	ng		87
37) 2-Methylnaphthalene	12.580	142	424346	47.35	ng	#	94
38) 1-Methylnaphthalene	12.797	142	395074m	46.88	ng		
40) 1,2,4,5-Tetrachloroben...	12.944	216	245204	43.88	ng	#	94
41) Hexachlorocyclopentadiene	12.921	237	318966	88.29	ng		99
43) 2,4,6-Trichlorophenol	13.179	196	175671	46.38	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	189063	45.36	ng	#	90
46) 1,1'-Biphenyl	13.579	154	556947	50.72	ng		99
47) 2-Chloronaphthalene	13.626	162	430524	48.62	ng		94
48) 2-Nitroaniline	13.826	65	169393	51.69	ng	#	73
49) Acenaphthylene	14.472	152	721708	50.34	ng		99
50) Dimethylphthalate	14.196	163	587646	47.19	ng		99
51) 2,6-Dinitrotoluene	14.313	165	125716	46.91	ng	#	61
52) Acenaphthene	14.813	154	531825m	55.19	ng		
53) 3-Nitroaniline	14.642	138	33289	12.97	ng		82
54) 2,4-Dinitrophenol	14.848	184	144794	88.52	ng	#	54
55) Dibenzofuran	15.142	168	665897	46.40	ng		94
56) 4-Nitrophenol	14.954	139	94378	41.10	ng	#	33
57) 2,4-Dinitrotoluene	15.101	165	175255	46.05	ng	#	64
58) Fluorene	15.794	166	539473	44.79	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.371	232	172872	42.03	ng	#	89
60) Diethylphthalate	15.559	149	601189	49.39	ng		95
61) 4-Chlorophenyl-phenyle...	15.782	204	307185	44.33	ng		93
62) 4-Nitroaniline	15.812	138	118469	42.14	ng	#	46
63) Azobenzene	16.076	77	599555	45.26	ng		86
65) 4,6-Dinitro-2-methylph...	15.864	198	99679	49.64	ng		72
66) n-Nitrosodiphenylamine	16.000	169	491348	53.19	ng		97
67) 4-Bromophenyl-phenylether	16.681	248	202027	50.30	ng	#	89
68) Hexachlorobenzene	16.799	284	214616	49.87	ng	#	94
69) Atrazine	16.946	200	200214	53.88	ng		100
70) Pentachlorophenol	17.145	266	268923	94.00	ng		99
71) Phenanthrene	17.539	178	853967	50.70	ng		98
72) Anthracene	17.633	178	869536	52.03	ng		98
73) Carbazole	17.897	167	777480	48.78	ng		99
74) Di-n-butylphthalate	18.450	149	942899	53.45	ng	#	96
75) Fluoranthene	19.548	202	1003855	44.76	ng		96
77) Benzidine	19.725	184	510042	58.33	ng		99
78) Pyrene	19.907	202	1010859	50.42	ng		97
80) Butylbenzylphthalate	20.788	149	414208	58.13	ng	#	85
81) Benzo(a)anthracene	21.769	228	994988	49.15	ng		99
82) 3,3'-Dichlorobenzidine	21.681	252	106386	14.56	ng	#	96
83) Chrysene	21.840	228	931546	47.99	ng		99
84) Bis(2-ethylhexyl)phtha...	21.663	149	579790	58.89	ng		94
85) Di-n-octyl phthalate	22.921	149	978733	59.37	ng		97
87) Indeno(1,2,3-cd)pyrene	28.943	276	1175859	50.17	ng	#	57
88) Benzo(b)fluoranthene	24.061	252	1029525	47.54	ng	#	96
89) Benzo(k)fluoranthene	24.131	252	971453	47.54	ng	#	97
90) Benzo(a)pyrene	24.966	252	906491	45.91	ng	#	97
91) Dibenzo(a,h)anthracene	29.025	278	969699	48.50	ng	#	95
92) Benzo(g,h,i)perylene	30.159	276	958142	49.39	ng	#	92

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

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