Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082321\
Data File : BG049939.D
Acq On : 23 Aug 2021 18:52
Operator : CG/JU
Sample : M3505-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

Manual Integrations APPROVED
mohammad
8/24/2021 11:18:58 AM

Quant Time: Aug 24 02:27:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.978	152	28244	20.000	ng		0.00
21) Naphthalene-d8	10.798	136	116550	20.000	ng		#-0.01
39) Acenaphthene-d10	14.640	164	82137	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	178535	20.000	ng		# 0.00
76) Chrysene-d12	21.672	240	145236	20.000	ng		0.00
86) Perylene-d12	24.897	264	148219	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.535	112	179869	114.160	ng		0.00
7) Phenol-d6	7.156	99	255238	107.017	ng		0.00
23) Nitrobenzene-d5	9.153	82	171212	65.005	ng		0.00
42) 2,4,6-Tribromophenol	16.138	330	132315	109.595	ng		0.00
45) 2-Fluorobiphenyl	13.254	172	369306	65.423	ng		0.00
79) Terphenyl-d14	20.003	244	521302	65.190	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.367	88	22131	32.143	ng		98
3) Pyridine	3.784	79	54323	28.783	ng	#	83
4) n-Nitrosodimethylamine	3.702	42	40495	39.903	ng	#	72
6) Aniline	7.297	93	101692	40.231	ng		99
8) 2-Chlorophenol	7.549	128	83043	48.342	ng		98
9) Benzaldehyde	7.115	77	59517	37.399	ng	#	85
10) Phenol	7.185	94	108357	46.888	ng		91
11) bis(2-Chloroethyl)ether	7.397	93	68783	44.082	ng		94
12) 1,3-Dichlorobenzene	7.867	146	85054	43.232	ng		96
13) 1,4-Dichlorobenzene	8.014	146	88054	44.216	ng		94
14) 1,2-Dichlorobenzene	8.337	146	83763	44.399	ng		96
15) Benzyl Alcohol	8.225	79	93590	46.725	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.507	45	75465	42.564	ng		97
17) 2-Methylphenol	8.437	107	73914	48.570	ng		97
18) Hexachloroethane	9.059	117	34117	44.566	ng		89
19) n-Nitroso-di-n-propyla...	8.789	70	65600	41.102	ng		90
20) 3+4-Methylphenols	8.771	107	102423	47.923	ng		97
22) Acetophenone	8.812	105	131707	41.595	ng	#	93
24) Nitrobenzene	9.194	77	106984	38.494	ng		95
25) Isophorone	9.717	82	174247	37.075	ng		98
26) 2-Nitrophenol	9.911	139	47177	44.480	ng		94
27) 2,4-Dimethylphenol	9.976	122	78233	49.905	ng		97
28) bis(2-Chloroethoxy)met...	10.199	93	96520	46.947	ng	#	91
29) 2,4-Dichlorophenol	10.457	162	87040	45.246	ng		98
30) 1,2,4-Trichlorobenzene	10.663	180	91840	43.359	ng		91
31) Naphthalene	10.851	128	252261	41.328	ng		99
32) Benzoic acid	10.146	122	40569m	37.818	ng		
33) 4-Chloroaniline	10.962	127	73907	30.669	ng		96
34) Hexachlorobutadiene	11.127	225	64060	41.618	ng		92
35) Caprolactam	11.756	113	26422m	44.453	ng		
36) 4-Chloro-3-methylphenol	12.102	107	101223	45.553	ng	#	92
37) 2-Methylnaphthalene	12.460	142	190073	41.337	ng		96
38) 1-Methylnaphthalene	12.678	142	178074	41.206	ng		92
40) 1,2,4,5-Tetrachloroben...	12.831	216	108757	44.938	ng		99
41) Hexachlorocyclopentadiene	12.801	237	75206	58.714	ng		93
43) 2,4,6-Trichlorophenol	13.077	196	71954	44.101	ng		95

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44) 2,4,5-Trichlorophenol	13.160	196	78286	44.228	ng		93
46) 1,1'-Biphenyl	13.471	154	242860	41.514	ng		98
47) 2-Chloronaphthalene	13.518	162	200654	42.944	ng		96
48) 2-Nitroaniline	13.723	65	71014	41.391	ng		92
49) Acenaphthylene	14.364	152	312433	42.188	ng		98
50) Dimethylphthalate	14.094	163	258790	41.760	ng		99
51) 2,6-Dinitrotoluene	14.217	165	57375	42.050	ng		86
52) Acenaphthene	14.704	154	181146	40.605	ng		94
53) 3-Nitroaniline	14.546	138	46152	34.685	ng		99
54) 2,4-Dinitrophenol	14.769	184	68442	88.356	ng		94
55) Dibenzofuran	15.039	168	297559	41.115	ng		96
56) 4-Nitrophenol	14.887	139	74466	76.603	ng		94
57) 2,4-Dinitrotoluene	15.010	165	80079	41.786	ng	#	93
58) Fluorene	15.691	166	247082	42.004	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.274	232	66236	40.290	ng		98
60) Diethylphthalate	15.451	149	261955	42.029	ng		96
61) 4-Chlorophenyl-phenyle...	15.674	204	133584	42.548	ng		93
62) 4-Nitroaniline	15.721	138	57992	42.370	ng		90
63) Azobenzene	15.973	77	251607	38.140	ng		88
65) 4,6-Dinitro-2-methylph...	15.785	198	45638	39.769	ng		94
66) n-Nitrosodiphenylamine	15.897	169	216468	42.911	ng		97
67) 4-Bromophenyl-phenylether	16.573	248	91270	43.407	ng		97
68) Hexachlorobenzene	16.702	284	99202	42.465	ng		96
69) Atrazine	16.849	200	93664	46.416	ng		98
70) Pentachlorophenol	17.054	266	83058	66.306	ng		98
71) Phenanthrene	17.436	178	394601	42.010	ng		98
72) Anthracene	17.530	178	396716	43.005	ng		98
73) Carbazole	17.800	167	354350	40.558	ng		98
74) Di-n-butylphthalate	18.347	149	424260	41.656	ng		98
75) Fluoranthene	19.451	202	449858	38.920	ng		98
77) Benzidine	19.627	184	238982	64.221	ng		97
78) Pyrene	19.809	202	439511	44.389	ng		98
80) Butylbenzylphthalate	20.685	149	165590	43.912	ng		96
81) Benzo(a)anthracene	21.648	228	394101	41.667	ng		97
82) 3,3'-Dichlorobenzidine	21.560	252	113724	41.180	ng		96
83) Chrysene	21.719	228	372654	41.217	ng		97
84) Bis(2-ethylhexyl)phtha...	21.536	149	226328	42.401	ng		96
85) Di-n-octyl phthalate	22.747	149	368703	40.888	ng		100
87) Indeno(1,2,3-cd)pyrene	28.615	276	458950	42.935	ng		98
88) Benzo(b)fluoranthene	23.874	252	399335	41.080	ng		95
89) Benzo(k)fluoranthene	23.945	252	382415	42.175	ng		99
90) Benzo(a)pyrene	24.756	252	382304	43.457	ng	#	98
91) Dibenzo(a,h)anthracene	28.674	278	390219	43.322	ng		99
92) Benzo(g,h,i)perylene	29.778	276	386333	43.779	ng		95

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

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