Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082321\
Data File : BG049938.D
Acq On : 23 Aug 2021 18:11
Operator : CG/JU
Sample : M3505-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

Manual Integrations APPROVED
mohammad
8/24/2021 11:18:51 AM

Quant Time: Aug 24 02:27:07 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	7.975	152	27934	20.000	ng		-0.01
21) Naphthalene-d8	10.800	136	114341	20.000	ng		#-0.01
39) Acenaphthene-d10	14.642	164	78674	20.000	ng		0.00
64) Phenanthrene-d10	17.391	188	168430	20.000	ng		#-0.01
76) Chrysene-d12	21.668	240	142378	20.000	ng		-0.01
86) Perylene-d12	24.905	264	145618	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.537	112	176874	113.505	ng		0.00
7) Phenol-d6	7.158	99	246223	104.383	ng		0.00
23) Nitrobenzene-d5	9.150	82	165395	64.010	ng		-0.01
42) 2,4,6-Tribromophenol	16.140	330	126395	109.300	ng		0.00
45) 2-Fluorobiphenyl	13.256	172	351743	65.055	ng		0.00
79) Terphenyl-d14	20.005	244	515442	65.751	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	21551	31.648	ng		92
3) Pyridine	3.780	79	53058	28.425	ng		89
4) n-Nitrosodimethylamine	3.698	42	39326	39.181	ng	#	74
6) Aniline	7.299	93	95894	38.358	ng		98
8) 2-Chlorophenol	7.546	128	78516	46.214	ng		92
9) Benzaldehyde	7.111	77	59430	37.759	ng	#	82
10) Phenol	7.182	94	102461	44.829	ng		95
11) bis(2-Chloroethyl)ether	7.393	93	66388	43.019	ng		88
12) 1,3-Dichlorobenzene	7.869	146	83617	42.973	ng		96
13) 1,4-Dichlorobenzene	8.016	146	84229	42.765	ng		96
14) 1,2-Dichlorobenzene	8.333	146	81378	43.614	ng		97
15) Benzyl Alcohol	8.221	79	86286	43.557	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.509	45	72844	41.542	ng		96
17) 2-Methylphenol	8.439	107	71612	47.580	ng		94
18) Hexachloroethane	9.061	117	33721	44.537	ng		96
19) n-Nitroso-di-n-propyla...	8.791	70	64248	40.702	ng	#	82
20) 3+4-Methylphenols	8.768	107	99158	46.910	ng		93
22) Acetophenone	8.809	105	128315	41.306	ng	#	96
24) Nitrobenzene	9.197	77	103951	38.125	ng		93
25) Isophorone	9.719	82	171574	37.211	ng		96
26) 2-Nitrophenol	9.907	139	46145	44.347	ng		94
27) 2,4-Dimethylphenol	9.978	122	74202	48.249	ng		94
28) bis(2-Chloroethoxy)met...	10.201	93	91173	45.203	ng		94
29) 2,4-Dichlorophenol	10.460	162	81539	43.205	ng		95
30) 1,2,4-Trichlorobenzene	10.665	180	89853	43.240	ng		92
31) Naphthalene	10.853	128	243499	40.663	ng		98
32) Benzoic acid	10.142	122	38896m	37.071	ng		
33) 4-Chloroaniline	10.965	127	71287	30.154	ng		96
34) Hexachlorobutadiene	11.129	225	61285	40.585	ng		95
35) Caprolactam	11.752	113	25187m	43.194	ng		
36) 4-Chloro-3-methylphenol	12.104	107	94791	43.483	ng	#	96
37) 2-Methylnaphthalene	12.463	142	184939	40.997	ng		99
38) 1-Methylnaphthalene	12.680	142	172436	40.673	ng		98
40) 1,2,4,5-Tetrachloroben...	12.833	216	102072	44.032	ng		99
41) Hexachlorocyclopentadiene	12.803	237	68954	56.354	ng		98
43) 2,4,6-Trichlorophenol	13.080	196	68983	44.141	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.156	196	76623	45.194	ng		87
46) 1,1'-Biphenyl	13.467	154	229645	40.983	ng		99
47) 2-Chloronaphthalene	13.514	162	190562	42.579	ng		97
48) 2-Nitroaniline	13.720	65	67812	41.264	ng		94
49) Acenaphthylene	14.366	152	301159	42.456	ng		95
50) Dimethylphthalate	14.090	163	249588	42.048	ng		98
51) 2,6-Dinitrotoluene	14.219	165	53242	40.739	ng		88
52) Acenaphthene	14.707	154	176020	41.193	ng		96
53) 3-Nitroaniline	14.548	138	45409	35.628	ng		93
54) 2,4-Dinitrophenol	14.771	184	68156m	91.860	ng		
55) Dibenzofuran	15.042	168	282717	40.784	ng		97
56) 4-Nitrophenol	14.883	139	74983	80.530	ng		95
57) 2,4-Dinitrotoluene	15.012	165	76113	41.465	ng		94
58) Fluorene	15.688	166	234142	41.556	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.277	232	63092	40.067	ng		99
60) Diethylphthalate	15.453	149	245444	41.113	ng		96
61) 4-Chlorophenyl-phenyle...	15.676	204	123811	41.171	ng		98
62) 4-Nitroaniline	15.717	138	57520	43.874	ng		88
63) Azobenzene	15.970	77	234144	37.055	ng		86
65) 4,6-Dinitro-2-methylph...	15.782	198	43908	40.557	ng		93
66) n-Nitrosodiphenylamine	15.893	169	204289	42.926	ng		97
67) 4-Bromophenyl-phenylether	16.575	248	85032	42.866	ng		94
68) Hexachlorobenzene	16.704	284	96281	43.688	ng		98
69) Atrazine	16.845	200	90885	47.741	ng		98
70) Pentachlorophenol	17.051	266	81610	69.059	ng		98
71) Phenanthrene	17.438	178	374824	42.299	ng		96
72) Anthracene	17.526	178	381132	43.795	ng		97
73) Carbazole	17.803	167	341624	41.447	ng		98
74) Di-n-butylphthalate	18.343	149	410442	42.717	ng		98
75) Fluoranthene	19.447	202	441015	40.444	ng		96
77) Benzidine	19.624	184	250695	68.721	ng		96
78) Pyrene	19.812	202	432429	44.550	ng		98
80) Butylbenzylphthalate	20.687	149	160537	43.427	ng		97
81) Benzo(a)anthracene	21.650	228	383340	41.343	ng		99
82) 3,3'-Dichlorobenzidine	21.562	252	110259	40.727	ng		99
83) Chrysene	21.715	228	368976	41.629	ng		98
84) Bis(2-ethylhexyl)phtha...	21.539	149	217409	41.547	ng		97
85) Di-n-octyl phthalate	22.749	149	359745	40.695	ng		98
87) Indeno(1,2,3-cd)pyrene	28.623	276	451321	42.976	ng		97
88) Benzo(b)fluoranthene	23.877	252	395206	41.381	ng		94
89) Benzo(k)fluoranthene	23.941	252	370367m	41.575	ng		
90) Benzo(a)pyrene	24.752	252	371702	43.006	ng		99
91) Dibenzo(a,h)anthracene	28.664	278	381714	43.134	ng	#	97
92) Benzo(g,h,i)perylene	29.775	276	375559	43.318	ng		95

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

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